

ALUMNI REVIEW JANUARY — FEBRUARY 1972



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ALUMNI REVIEW

JANUARY - FEBRUARY

Volume 46 Number 1

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Mr. Chairman....

Ladies and Gentlemen

Highlights from addresses by

James M. Courtright Dr. John J. Deutsch Bernard Trotter Dr. E.H. Botterell

Queen's in Terms of Cash Flow

"W hile Queen's is not the largest university in Ontario, it is, nevertheless, an important institution in financial terms.

"During 1970 alone, the flow of cash through Queen's from all sources—student fees, research grants from a variety of sources, the operation of residences and dining facilities (which result in Queen's running the largest hotel system between Toronto and Montreal), plus government assistance for both capital needs and operating purposes—totalled more than \$50 million. It is estimated that at least two-thirds of this total was spent directly in the Kingston community.

"Incidentally, about \$6 million per year of this same total is recycled in the form of taxes to three levels of government. This is made up of income taxes and Canada Pension deducted at source, about one-third of a million dollars to Kingston by way of grants, plus garbage and local improvement taxes and provincial and federal sales taxes on purchases."

—from an address given by James M. Courtright, Vice-Principal, Development and Information, to the Ontario Funeral Service Association, which met in Kingston.

Seed Money from Private Sector?

In the past, most support from private business has, of course, gone into capital programs where it has been badly needed. These needs will continue, no doubt. But in a period when financial stringency will inhibit the flow of seed money to innovation from regular operating budgets, there may be new opportunities for private participation in funding curricular development. Some companies are already involved in such seed money projects. What I am trying to say is that now such opportunities are bound to arise.

". . . In the coming decade, Canadian universities will certainly extend their co-operation into the fundamental field of curricular planning and development. This is the kind of co-operation that will take university people into what is virtually new, unexplored territory. As always in exploration, there are risks involved. Faculty who are willing to give a lead in this new kind of co-operation will need much moral and material support to back their efforts. The risks must somehow be taken if quality and economy are to be served equally in the further period of university expansion which lies ahead."

—from an address on "New Directions in Higher Education" given by Bernard Trotter, Director of Academic Planning at Queen's, to the Conference Board's Working Conference on Company Contributions, held in Toronto.

Dr. John J. Deutsch



James M. Courtright



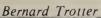
Public Demands Relevance

"I can point to at least some of the things that society wants of us [the universities]. It wants to understand what we are doing, our reasons for doing it, and it wants our opinion of its value and the justification of its cost. It wants also, I think, to see a prospect for relevance in our research and education, a prospect that I have suggested can be improved in medical research by ensuring that those engaged in it work in close contact with those delivering health care to the public.

"I think that society would like to have us in the universities identify priorities and give the reasons for them, but it is quite prepared to do this without our help if we are slow or negligent.

"In short, society wants its researchers neither to be, nor appear to be, the occupants of an ivory tower, wholly divorced from the world outside."

—from an address on "University Attitudes: Where Does Research Stand Now?" by Queen's Principal John J. Deutsch to the Medical Research Council Scholars at a meeting in Ste-Marguerite, Que.





Dr. E.H. Botterell

Medicine as a Public Utility

"I believe Faculties of Medicine have already moved from the private domain into the public domain and have become public utilities."

"The proposal that all new graduates should be required to serve for two or three years in needy areas has been made repeatedly and has come to the fore again recently. The government pays about 90 per cent of university education costs for medical students and about 70 per cent of general university educational costs in the Arts Faculty. If equity is to be maintained, medical students should have the option of indentured return of service along with other professional students whose university education and living costs are paid by government. The subsidized educational system of the Armed Forces requiring return of service is now well known."

"With advancing science, the physician will be obliged increasingly to contribute to moral decisions and to the solution of humanitarian problems of great complexity.

"Who among three needy patients will get the one kidney available for transplantation?

"Are doctors, by concentrating on the scientifically complex problems of a limited number of patients, depriving many patients of less complex but significant care?

"What type of patient will be cared for when there is not enough care to go around?

"Citizens of the community must share responsibility with doctors and other health professionals in the development of decisions on these grave moral and humanitarian issues."

—from an address on Medical Schools, 1970-75, by Dr. E.H. Botterell to the annual meeting last year of the Association of Canadian Medical Colleges. Dr. Botterell, who recently retired as Vice-Principal, Health Sciences, is president of the ACMC.

Twenty professors and fifty students take on the world!

Word has spread on campus that the most exciting and ambitious course offered this fall at Queen's was an engineering course. Called "Nature, Science and Man", it was a multi-disciplinary one-term course offered on an experimental basis. It was designed, according to its organizer, Dr. Reginald Clark of the Chemical Engineering Department, to provide students with "a look at where man is now and how he got there."

Prof. Clark, who is one of Canada's foremost experts on recycling, views the environment in a wider context than just pollution. As a result, his course included such topics as resource use, industrialization, and man's view of his environment, including his apparent lack of concern with spoilage of the earth. "If there's a disease which is wider than the dumping of garbage," he told the *Queen's Journal*, "let's cure the disease and not just apply balm to the spots."

To supply such an overall understanding of man's relation to his environment, lecturers from several disciplines discussed the formation of the universe and the earth; the composition of the earth's surface; the role of oceans in supporting life; the beginnings of life on earth; the evolution of man; his



Prof. R.H. Clark

relationship to his environment, including his needs for energy and food, the search for new sources of energy, and the resulting impact on his environment; the ways a child's environment effects his adult behaviour; the ways people form societies, and how these societies function and survive; man's health and the effects of medical technology; and the philosophers' views of the species.

New teaching methods were needed for 20 teachers to present such a mass of information in one term. Charts, projectors and other lecture aids were used extensively. Lecturers prepared and distributed notes to relieve students of the distraction of note-taking. All the lectures were videotaped for playback as needed by the students—and also by the professors, who used the videotapes to spot their own teaching faults and to see what had been covered in the

lectures preceding their own.

The aim of all this, according to Dr. Clark, was to create some excitement, to get people to read more in areas of interest to them, perhaps to make them think differently, and especially to show them how limited their knowledge was. "Far too many people," he said, "mistakenly, and often with dangerous results, think they know much more than they do." He says many of the disasters which have resulted from technology are a result of just this kind of mistaken thinking.

In all, 50 engineering students took the first course, and about the same number audited it.

All the lecturers, including several from the Faculty of Arts and Science, were volunteers. Costs of the course, which arose chiefly out of the printed material required, were paid out of the budget of the Chemical Engineering Department.

Prof. Clark hopes that the success of this fall's experiment will encourage the Faculty of Arts and Science to set aside its reservations and approve the course as a credit course for Arts students by next fall Meanwhile, a second-term course is being readied for 1972-73. It will use the "case method" to explore in greater detail some of the questions raised in the first-term course.

UNDERGRADUATE 1947

By John F. Donnelly

Where are those nights of darkness when you and I roamed the windswept streets, searched the empty lanes and the bolted doors, seeking the hearts and souls of ancient men?

Remember those early dawns, blue with the cold blush of daylight, the fear of light bringing into relief once more the harsh contours of ragged monuments the gargoyles and parapets of monied temples while we lingered, mouths still parched from last evening's beer at the Royal.

How far into the night we stood on lighted corners, etting our voices ring into the centuries, choing no words of dissent, no argument o stem the tide of thoughts we'd always known.

Brock, Bagot, Johnson, Sydenham, Barrie ---ve knew them all, ghosts from the past,
shostly streets the memories of ghostly men,
pleak pages of uncertain history (or how
he Gods came at last to Upper Canada),
learing Macdonald's voice, and Laurier's,
east in the twisted uncertainty of our own larynxes
he utterances clinging like rust to limestone walls.

How often we sneered at restless sleepers behind darkened windows, students exhausted by the midnight probing of philosophers inknown in Hamilton and Lindsay ast now in other roles, of angels, saints and gods while we lingered below, with dreams, disdaining sleep.

And after a night of carousing
ve huddled over coffee at United Cigar
hrough bleak eyes we laughed at the bright young faces
of youths who were as children in our sight
and we nourished the image of office girls in rumpled sheets

And when at last the working world grew still, we stirred once more into the bustling street beyond, against the current of vacant faces, like sea eddies, concerned with things beyond their scope, beyond the ken of minds dulled by toil.

Reciting Eliot we went back finally to our own cathedrals of death, where frowsy ladies swept the snow from wooden stoops and stared uncertainly at the aged faces of boys exhausted by travels in the darkened tombs of the city.

And while we slept we dreamed of droning lecture halls, hives of bees each one slotted and numbered, bred with the instinct of home, seeking nectar in the flowers of distant fields, but always returning content, frightened by the fears of night and darkness.

Each evening we watched them serve their gods, holding sacred vigils before their treasured idols of commerce and engineering and law and medicine, drawn by the irrestible lure of riches, while we, disdaining death, probed the darkness again and again.

What they would never know, afraid of question, was that we had known the dawns of countless days, saw the awakening that brought sleep to our senses at last, wrapped our aching bodies in the cold sheets of day, oblivious to the drone of regurgitated words, avoiding tests of rote we could not face.

It is no different now; we walk the same streets, probe the same empty lanes for signs of what we sought once on darkened winter nights, while they, asleep in other rooms pursue the same goals, the same lure of wealth, knowing nothing of our bitter winter dawns.

How P.E.I. became Queen's "East Campus"



How polluted have Prince Edward Island's estuaries become in the past eight years and what's polluting them? Those are among the questions being answered by a 16-member team of researchers, 14 of them from Queen's, working on a project for Prof. Grant Bartlett of the Department of Geological Sciences.

Dr. Bartlett began pioneer studies of the virtually unpolluted estuaries of P.E.I.'s north shore some eight years ago. In 1970 the province's Environmental Control Commission offered to finance a five-year project, using the former data to help determine what action can be taken to save Summerside and Charlottetown harbours from an environmental standpoint.

The first sampling to determine the types of pollutants, their source and date of deposit began in November 1970, and last May the research group began intensive work on the project. The group consists of eight people who work in the field and eight who conduct tests in the Geology lab on campus.

Lab analysis of the core samples and a study of the data taken during the summer will be completed this month (February). With the assistance of technicians from the University of Prince Edward Island, checks will be made on the monitoring stations throughout the

winter, and the information relayed to the researchers at Queen's.

This past summer the team set up a network of 57 stations in Cardigan Bay, 82 stations in Charlottetown Harbour and 80 in Summerside Harbour and its surrounding watershed. The team obtained more than 3,500 samples, and more than 40,000 analyses had been completed when they returned for classes this fall.

The cores of bottom sediments taken from all three estuaries are undergoing carbon-14 analysis to determine the age of the various layers. Dr. John Usher, field supervisor for the project, says that cursory examination of the cores indicates "an abrupt deterioration in the environment sometime during the early 1940's."

Next summer the Queen's researchers will tackle Souris Harbour and complete the work begun this summer at Cardigan Bay. According to Prof. Usher, "Prince Edward Island is proving to be an ideal field laboratory for teaching students and training them in the techniques of coastal and shallow water marine geology."

Queen's to share marine laboratory

This spring Queen's will officially join the 24-member Huntsman Marine Laboratory, an extensive research and teaching facility at Brandy Cove, N.B.

Working relationships between Queen's and the laboratory (HML) are already well established, since groups of students and faculty have used the facilities for field work in geology, geography and chemistry.

The HML facilities consist of a research vessel, a museum-aquarium (which is also a tourist attraction), a building for teaching and lab work, a residence with accommodation for 50 students, plus support facilities.

In addition to 21 universities in Canada and Maine, HML's

membership includes the Federal Fisheries Research Board, the New Brunswick Department of Fisheries and Environment, and the International Atlantic Salmon Foundation.

The Laboratory recently received a three-year development grant of \$205,000 from the National Research Council. These funds will be used to provide further teaching labs, establish scholarships, buy a second research vessel, build more office/laboratory units and expand the museum-aquarium for teaching purposes.

Prof. Leigh Smith, Department c Geological Science, is chairman of Queen's University's users committee for the HML. During the 1971 football season, buttons reading "Alfie sez Go Gaels Go" appeared on campus for the first time under the auspices of the Queen's bands. Pleased with the enthusiasm of the buttons' reception, bands manager Doug Romans asked the Queen's Journal to tell the campus where Alfie came from. The following article was written by Chris Redmond for the Journal of October 19.

Alfie Sez....

Alfie, as he appears on the buttons, was drawn in 1969 by Queen's artist and former Queen's Journal editor John McIntyre. He was named, and brought into campus publicity, in 1971 by USI Graphics.

But the original Alfie was Alfie Pierce, trainer, fan and friend of the Golden Gaels for almost 70 years. Born in 1874, Alfie Pierce was brought to the Queen's playing field as a water boy by legendary Gaels captain Guy Curtis, who found the curly-haired black boy walking home from the Gordon Street school (where Ban Righ now stands).

From that time until he died in 1951, Alfie belonged to Queen's. He became trainer and then he was just friend of all the athletic teams. In the summer he lived beneath the Richardson Stadium stands; in winter his home was a small room in the old Jock Harty Arena (the site now occupied by Humphrey Hall).

Returning Queen's athletes would go to talk with Alfie, and he remembered them, their accomplishments, and the glories of Queen's teams long graduated. Present students listened to his reminiscences eagerly as well.

And each time the Golden Gaels played a home football game, Alfie would step out onto the field with the cheerleaders, dressed in a gay tricolour costume and shako. Thousands of loyal fans would shout together, "What's the matter with Alfie?" and then the answer, "He's all right!"

Waving his cap, escorted by two cheerleaders, Alfie would come over to the Queen's stands to lead a Queen's yell—the words which come at the end of the Oil Thigh now.

And then the football game would begin, with the Queen's crowd yelling, as always, "Go Gaels Go!" Alfie still sez that.



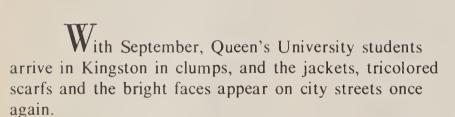
Alfie Then



RADICALISM ON CAMPUS

"Queen's was the last to get it and the first to lose it"

Late in November, the KINGSTON WHIG-STANDARD published a series of five articles on the University under the general title of "That 'town' located within the city." The following feature is excerpted from the first article in the series, written by Mary Janigan.



Full-time residents regard them as a migrating species who live here in relative isolation for eight months and disappear in summer. To city merchants they are customers. To apartment residents, they become "those student neighbours."

And in the eyes of some conservative city residents they all *have* to be carrying heroin and they're *surely* leaving an orgy to go plan the revolution.

Over 7,000 of these "strange creatures" congregate near the city's centre on a sprawling limestone campus. And a surprising number of generalizations can be made about both their attitudes and their entire way of life.

The concept of "university as a hot-bed of radicalism" would be a joke if applied to Queen's. Few, if any, of the students advocate sweeping changes in society's present structure. Their governmental and social dissatisfaction is directed instead against political leaders and isolated policies.

Queen's Rector, Alan Broadbent, 26, explained that according to a recent study of Canadian universities by the University Council's Committee on Admissions, Queen's has the highest percentage of students from high-income families.

"They have a vested interest in the system," he said. "Sure they'll dress funny and some will smoke dope while they're here, but they won't try to make widespread radical changes in society."



Wally Palmer

Nodding seriously, Victor Bradley, 25, vice-president of the Alma Mater Society, added his agreement. "They have money here," he said. "It's hard for them, for example, to identify with the problems of the poor. At times, they are complacent bordering on apathy and many of the radical movement tactics would be below them. I think the 'radical' movement has been dying for the past two years: Queen's was the last to get i and the first to lose it."

A psychology major, Susan Ellis, 22, commented: "Students have got a certain amount at stake. They have to believe in the system to a degree or it would make them question the relevancy of all their studies."

Given the existing government structure, however, the students show fluctuating degrees of interest in the various power levels. The majority seem generally both informed and opinionated in regard to provincial politics. Most of them are conservative in their political leanings. The political spectrum is such at Queen's that many New Democratic Party supporters consider themselves radicals.

"Our co-op had all our riding's candidates over to dinner," said Phil Traversy, 24, of 395 Brock St. "I think everyone is interested in the provincial government. Most of the students come from a PC famil background. There's a very vocal NDP membership but they're a minority."

Debbie Bramm, 18, of Adelaide Hall, agreed. "People really got enthused at the last election," she said "For many of us, it was the first time we could vote. And

really, the Queen's vote swung the election to the Conservatives in Kingston and the Islands."

Student interest wanes, however, on the federal level of government. Most Queen's students are informed on general political trends and policies, but largely ignore specific issues unless they directly touch them.

"The co-op residents follow Benson's tax reforms closely," said Science '44 Co-Op president Bim Waters, 23, "mostly because it affects our own financial situation. And we were interested in the youth programs because we wanted to start a hostel here."

The majority reflect the view of Alma Mater Society commissioner Wally Palmer, 23. "I know what they're saying in Ottawa," he said, "but I certainly don't read every little article. You could call me generally informed but not avidly interested."

As one 19-year-old girl explained: "Federal politics seem like such a strange game to me and a lot of my friends. You either vote for the party leader, which a lot are doing, or for the 'good' man in your riding. Either way, things seem so large and the country has so many diversified interests you wonder how anything can ever get done in your area. Sometimes it seems like too big a hassle to even care about all the little issues."

Mr. Broadbent commented: "So many students just feel helplessness when they look at the federal government."

The relative complacency of Queen's students has, however, led to greater campus spirit and participation.

"Queen's is much more 'together' itself than many universities," said Mr. Bradley. "There is much more support versus fragmentation on many campus ssues. Homogeneity is not necessarily bad, assuming you can motivate it in one direction on important matters. We're not really static here: students are a lot more tware of the outside world than four years ago when the



R.Alan Broadbent

only thing was football games."

Apparently, when students are not actively involved in affecting sweeping changes in the system, they participate more fully in activities within its structures. As Ross Struthers, 18, explained; "I think a lot of things in society could be changed, but I'm basically establishment-oriented. I don't go out of my way to look for injustice, but I try to fight it when it's here."

The campus-based Student Volunteer Bureau programs about 400 students each year into volunteer community work at such institutions as Kingston Psychiatric Hospital, Sunnyside Children's Centre and the various community centres. "No other campus can match activities such as these," said Mr. Bradley. "We also have such organizations as the Legal Aid Society and the Community Information Service. And almost everyone supports our on-campus social activities.

"Queen's in its own way is very progressive. Sure, we move forward slowly, but there's stability. There are no great problems with administration or faculty; things get done almost too easily on this campus, so the students are hardly ever stirred up."

Around the Campus

Family Practice Department approved

The establishment of a Family Practice Department has been approved by the Senate after two years of formal consideration within the Faculty of Medicine. Courses in the new department will be offered as soon as finances and personnel are found.

The Faculty's proposal described Family Practice as "the provision of primary, continuing and comprehensive medical care to any or all members of families at all ages of life." Such care calls for experience in paediatrics, psychiatry, obstetrics, gynaecology, surgery, medicine, psycho-social medicine, community health, and rehabilitation.

The focus will be on ambulatory care—keeping the patient on his feet. The most distinctive characteristic of the family practitioner, according to the proposal, is "his concept of the patient within the context of his family and his social environment."

Establishment of this department at Queen's is in line with a national trend. Seven Canadian universities now have formal departments or divisions of family practice, and 17 university-sponsored family practice units have been established.

One influence on Queen's decision was the success of the comprehensive family care unit at Kingston General Hospital. Other factors were the emphasis on the need for more family physicians in the Report of the Committee on Healing Arts (Ontario) and the fact that the College of Family

Physicians of Canada appears to be altering the status of general practice and promoting certification in family medicine.

Queen's plans call for a major practice teaching unit associated with Hotel Dieu Hospital. Without being a hospital clinic, the unit will be close enough to share diagnostic facilities. The unit in operation at K.G.H. will be relocated.

Members of the Medical Faculty Board who served on the Committee which proposed the new department were Drs. Brian Wherrett (chairman), Paul Hoaken and Andrew Koval.

New awards established in memory of graduates

The University recently welcomed two new prizes established in memory of graduates. One is the Dr. Morley E. Branscombe (B.A. '03, M.D. '04) Memorial Prize, to be awarded annually to the graduating student with the highest standing in an Honours B.A. program with a concentration in English. The second is a memorial book prize named for Howard Vance, B.Sc. '70, to be awarded annually to the Civil Engineering student judged by his teachers to have made the greatest improvement in his academic work from second to third year.

Sayvette Ltd. has established a bursary in memory of Doris Irving Grimshaw. It will be awarded annually to a needy and deserving student in any undergraduate program.

Students may now take courses in May and June

Arts and Science students may be able to finish a general B.A. program in just two years now that the Senate has approved special summer sessions for May and June. Students may take either one or two courses during the extra six-week period.

The departments of Psychology, English, Sociology, Mathematics, Drama, Film, Economics, Biology, Geography and Computing Science have been asked to suggest courses they could offer. The Faculty Board points out that courses can be offered in summer which are unavailable during the winter session because of staff shortages.

During the 1971 Summer School and at registration in September, students were asked whether or not they'd be interested in a May-June session. Of those surveyed, 38 per cent, or 685, indicated that they were potential students for an inter-session period.

Geological Sciences Head leaving Queen's for UBC

Dr. Hugh Wynne-Edwards, head of the Department of Geological Sciences Department since 1968, will leave Queen's at the end of the spring term to become head of the Geology Department at the University of British Columbia.

Dr. Wynne-Edwards is a graduate of Queen's (M.A. '57, Ph.D. '59), and has been a member of faculty since 1959.

A search committee has been appointed by the Principal to advise on the appointment of a successor.



U Thant coming in fall as Brockington Visitor

U Thant, Secretary-General of the United Nations, will visit Queen's next October or November as the fourth Brockington Visitor.

He is an honorary graduate of Queen's, although an international crisis prevented his attending the 1964 Convocation in person to receive his LL.D.

Arrangements for U Thant's visit will be made by a newly appointed Brockington Visitorship Committee which includes John Bankes, Arts '73, as chairman; Jennifer Grass, Arts '74; Professors A.M. Gibson and F.W. Gibson.

The Visitorship was instigated by Padre A.M. Laverty and was funded by "Col. Sam" McLaughlin in memory of former Chancellor Leonard W. Brockington.

Previous Visitors have been Lester B. Pearson, Sir Bernard Lovell and Gunnar Myrdal.

Skelton-Clark Fellowship awarded to Escott Reid

Escott M. Reid, distinguished former diplomat, international civil servant and college principal, will be the 1972-73 Skelton-Clark Fellow at Queen's. Previous holders of this fellowship have included General E.L.M. Burns, Dalton Camp and the late Senator C.G. "Chubby" Power. The fellowship is intended to give prominent Canadians a year's "breather" to write a book of political, economic or social



Escott M. Reid

significance to the country. While at Queen's Mr. Reid will be attached to the Department of Political Studies and will work on a book entitled *External Affairs* 1939-62.

He is a native of Campbellford, Ont., and a graduate of the University of Toronto and Oxford University. He was both a Rhodes Scholar and a Rockefeller Fellow in the early 1930's.

For a quarter century in the Department of External Affairs, beginning in 1939, Mr. Reid held key posts as Acting Under-Secretary of State, Deputy Under-Secretary of State, High Commissioner to India and Ambassador to Germany. Then followed a four-year term as Director of the South Asia and Middle East Department of the World Bank in Washington.

When Glendon College was established at York University in 1965, Mr. Reid became its first principal, a position he held for four years. He is now a consultant to the president of the Canadian International Development Agency in Ottawa.

During his career he has maintained a scholarly interest in international affairs and has contributed articles to leading Canadian and U.S. journals in this field. He also wrote *The Future of the World Bank*, a booklet published in 1965 by the World Bank.

His wife is the former Ruth Herriot of Winnipeg. Tim Reid, the



L.G. Greenwood

Liberals' education critic in the Ontario Legislature from 1967 to 1971, is one of their three children.

L.G. Greenwood seated on Board of Trustees

Lawrence G. Greenwood, Vice-Chairman of the Canadian Imperial Bank of Commerce and Chairman of the Queen's Capital Program, was appointed to the Board of Trustees at its October meeting. He fills the vacancy created by the death last year of former principal, Dr. W.A. Mackintosh.

Mr. Greenwood, a native of Briercrest, Sask., joined the Canadian Bank of Commerce in 1938 after attending high school in Regina. Except for the period 1941-45, when he served with the Royal Canadian Air Force, he has been with the bank, rising to the position of president in 1968. He assumed the title of vice-chairman in September 1971.

Gaels elected All-Stars

Golden Gaels Mike Lambros, Brian Warrender and Doug Cozac were elected to the Canadian Intercollegiate Athletic Union All-Star Football Team by coaches, athletic directors and sports writers from across Canada. The selection was promoted for the first time this year by Canadian Sports Digest.

Lambros was selected as linebacker and Cozac as halfback on the defensive team. Warrender was named offensive halfback.

Around the Campus



Dean R.J. Hand

Bankers elect Dean Hand

Richard J. Hand, Dean of the School of Business, has been elected to the Board of Governors of the Institute of Canadian Bankers (ICB). The Institute's primary role is to provide for higher education for personnel of the nine Canadian chartered banks. Currently, some 6,000 banker-students are enrolled in ICB courses in 38 universities across Canada.

Fall degrees awarded

A total of 256 degrees were awarded by the Senate this fall: one M.B.A.; 22 B.A. (Hons.); 220 B.A.'s; seven B.Sc. (Hons.); and six B.P.H.E. degrees.

Students awards and loans top \$3 million

The Senate Committee on Scholarships and Student Aid reports that during the fiscal year 1970-71, 439 students received loans totalling \$101,615 from Queen's student loan funds. The average loan was \$231.

Under the Ontario Student Awards Program for the same year, 2,669 Queen's students received assistance totalling \$3,163,555. The average award was \$1,172, comprised of an average Canada Student Loan of \$544 (repayable) and an average Ontario grant of \$628.

Nine graduates offering alumni views on residence

The recently elected chairman of the new Residences Board is Gelindo DeRe, B.Comm. '48, vice-president of marketing, Empire Life Insurance Co., and a former president of the A.M.S.

The constitution of this new board, which has the Ban Righ Board and Men's Residences Board as subcommittees, was approved by Senate in November 1970 and held its inaugural meeting on October 30, 1971. The Board has responsibility for developing admissions policies for all university-operated residences and for maintaining a satisfying student life in residence.

Besides Mr. DeRe, graduates elected to office were Mrs. J.W. Ambrose (Agnes Percival), B.A. '39; Mrs. G. Douglas-Murray (Pat Osborough), B.A. '55; and Mrs. K.B. Parkinson (Wilda Baker), B.A. '43—all representing the Alumnae Association; and John R. Crouchman, LL.B. '67, representing the Alumni. The Board also includes five members elected by the Senate, seven students and five ex-officio members.

At its November meeting, the University Senate elected four graduates to the Residence Board's two subcommittees. All will serve until 1974.

Representing the Alumnae Association on the Ban Righ Board are Mrs. A.T.E. Anderson (Helen Eileen Bracken), Arts '46, Ottawa; and Mrs. D.D. Carter (Catherine Best), Artsci '65, Kingston.

Representing the Alumni on the Men's Residence Board are R.A. Little, Arts '58, Law '61, and Dr. G. Douglas-Murray, Meds'57, both of Kingston.

More kudos collected by campus-made films

Queen's '71, the student-produced film which has been seen by hundreds of alumni in recent months, has been purchased by ETV for its educational series "Eye on Academe".

Several other campus-based films carrying the Quarry Films label have been making news, too. Peter Duffy, a 1970 medical graduate now associated with Quarry productions, won second prize in the documentary division of the Sir George Williams University's Third Annual International Film Festival for his production of *Isolated Incidents*.

Prof. Peter Harcourt, head of the Department of Film Studies at Queen's, describes the Duffy movie as "an impressionistic film dealing with big-city violence." It incorporates footage shot at the large demonstration on the campus of McGill University about three years ago when protesters wanted McGill converted to a French-language institution.

Dr. Duffy won his first international award last year in Sir George's first festival when he shared the top award for his film *The Drink*. He is currently working on *Cabbages and Kings*, a 90-minute film dealing with addiction.

LOST TRAILS

Is anyone **YOU** know among the missing?
See pages 186 and 191

Historian honoured

Dr. Hilda Neatby, who is spending her second year at Queen's writing a lively new history of the University, received an honorary LL.D. degree at the fall convocation of the University of Saskatchewan (Regina campus). Dr. Neatby, well known as an educator, author and historian, taught history at Saskatchewan for 44 years before taking up her Queen's apppointment.

She was presented to Saskatchewan's Chancellor John G. Diefenbaker by Dr. John Archer, Regina campus president and formerly a student and colleague of Dr. Neatby's, as well as Archivist at Queen's.

Around the Campus

Upcoming Sports Events

February is a big month for championship contests in the women's intercollegiate league (OWIAA). The weekend of February 18-19 includes the following events:

- Ice Hockey Championships at Toronto
- Synchronized Swimming
 Championships at Windsor
- Volleyball Championships at McMaster
- Badminton Championships at Toronto (Part III)

On February 25-26, Basketball Championships will be held at Waterloo University.

In men's intercollegiate sports (OUAA - East), the following events are set for February:

Friday, February 18

Basketball—York at Queen's, 8.15 p.m.

Hockey—Guelph at Queen's, 8.00 p.m.

Saturday, February 19

Basketball—Loyola at Queen's (exhibition), 8.15 p.m.

Hockey—Toronto at Queen's, 8.00 p.m.

Badminton finals at Queen's Fencing finals at York Wrestling finals at Guelph

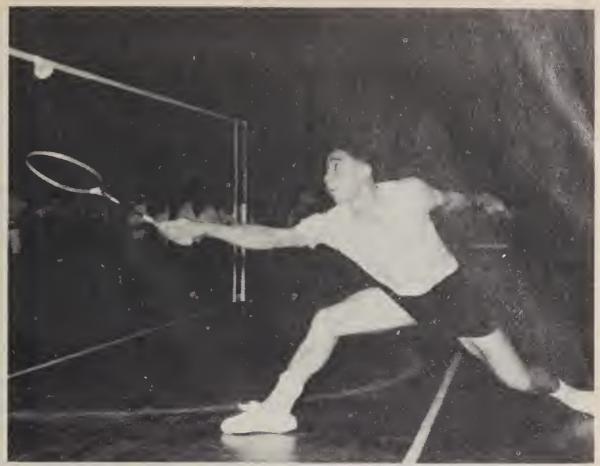
Saturday, February 26

Hockey—Queen's at Western, 1.30 p.m.

Gymnastics finals at Queen's

Weekend of February 25-26

Swimming finals at McMaster Squash finals at Waterloo



TWO BADMINTON PLAYERS from the People's Republic of China, reputed to be among the world's finest, played exhibition games at Queen's in November. Tong Hsien-Hu (above) and Hou Chiachang, China's top players for the past five years, played six matches tirelessly, defeating Canadians Lane Bickel and Rick Howell and Queen'smen Henry Fei and James Lim. Some 400 staff and students turned out to enjoy a spectacular display.

Anglican chaplain will join campus counsellors

An Anglican chaplain will be added soon to the clerical counsellors attached to the campus. The Synod approved the chaplaincy in November.

The appointee will likely have a part-time chaplaincy and will serve also as "priest-associate" at St. James Church on the campus. He will be housed in a church-owned building at 148 Barrie St., with a basement suite to be used as a drop-in centre for the approximately 1,300 Anglican students at Queen's.

Anglican chaplains are already established at Carleton University

and the University of Ottawa. The Synod created the Queen's post despite some reservations. Interest in Christianity among today's students is obvious, they admitted, but the students are not much concerned about denominationalism.

At Queen's, Padre A.M. Laverty, a United Church minister, is the University Chaplain, an interdenominational post. There is a Catholic chaplain, Rev. Edward C. Shea, based in Newman House on campus, and the Lutheran Church has a part-time chaplain.

"I Will Not Go Back"

The Alumni Office has been advised that the poem "I Will Not Go Back" by Milton Geiger, which appeared in the September-October 1971 issue of the Review, is copyrighted material. It was first published in Literary Cavalcade (A Monthly Scholastic Magazine of Contemporary Literature) 1969.

Permission to use for any purpose must be obtained from Mrs. Milton Geiger, 9515 Van Alden Ave., Northridge, California 91324, U.S.A.

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One of Queen's most peripatetic assets is the Vaghy String Quartet, musicians-in-residence and ambassadors on the road.

On campus, the Quartet's performances pack the house, whether the "house" is Dunning Auditorium, the patio of the Art Centre or the more formal Grant Hall. When they break away for one of their short tours, they return to Kingston trailing clouds of glory for themselves and the University.

They've been "superb" in Chicago, "marvellously sensitive" in Washington, "an outstanding ensemble" in Montreal, "hard to excell" in Phoenix, and "fine virtuoso musicians" in Little Rock. They played "with warmth, precision and impeccable intonation" in Birmingham and "gave a dazzling display of musicality" in Halifax. Critic Thomas Goldthwaite of the Arizona Republic calls the Vaghy Quartet quite simply "one of the finest touring quartets in Canada and the U.S. today."

The Quartet has been at Queen's since September 1969 as musicians-in-residence, due largely to the support of the Richardson Fund. When the Senate approved a degree program in music in 1970, the Vaghys were signed to a three-year contract which involves teaching in the Music Department, giving formal and informal concerts and "anti-concerts" at Queen's, concerts at other universities and Kingston secondary schools, and serving on the front desks of the Kingston Symphony Orchestra.

For two years prior to their appointment to Queen's, the Quartet had been artists-in-residence (under a federal U.S. grant) at Bowdoin, Gorham State and Nasson Colleges, as well as the University of Maine in Portland. Under the auspices of the Lincoln Centre Student Program, they had given concerts throughout the city and state of New York.

The group consists of Dezso Vaghy, first violin; David George, second violin; Tibor Vaghy, viola; and Robert Kemble Dodson, cello.

Brothers Dezso, 33, and Tibor, 31, are native-born Hungarians who received their early musical education in Hungary, Austria and Germany. Both were awarded diplomas from the Hamburg State Academy of Music and subsequently studied at the Juilliard School of Music in New York.

David George, 29, hails from Wichita, Kansas, and is a graduate of Friends University there. He won a scholarship to Tanglewood in 1964 and later received his B.Mus. degree from Juilliard.

Robert Dodson, also 29, comes from Los Angeles and Long Island. He received his B.Mus. degree in cello in 1966 and his Master of Music in cello, music history and literature in 1969, both at Indiana University.

The quartet members are, in effect, the backbone of the string program in the Department of Music.

The four Quartet musicians spend the largest part of their day in a "practice house" on Queen's Crescent, teaching their allotted



The Vaghy String Quartet teamed up with Aristid Von Wurtzler (far right) and his New York Harp Ensemble for an unusual November concert in historic Grant Hall, followed by a repeat performance in New York's Carnegie Hall. Members of the Quartet, also shown on the page opposite, are (left to right) Dezso Vaghy, David George, Tibor Vaghy and Robert Kemble Dodson.

share of students and practising for upcoming concerts.

A low-key movie made on campus in 1970 about the Quartet and its warm relationships with Queen's and the Kingston

community is currently being distributed by the National Film Board as part of its art series. The film is narrated by professor-poet George Whalley and is called simply *Vaghy*.

If the Vaghy String Quartet isn't scheduled to play in a concert hall near you this season, watch for the movie, or write to the N.F.B.

You'll discover a whole new aspect of Queen's.

First Bachelors of Music to graduate in 1973

Important developments in music are taking place at Queen's, where the first Bachelor of Music class will graduate in 1973. Between now and then, a new music building will have opened, with such facilities as practice rooms, choral and instrumental rehearsal halls, a substantial library of scores and books on music, records and listening equipment, an electronic music studio, an electronic piano laboratory, chamber ensemble rehearsal areas, and offices.

Whether a student's interests lie in understanding through listening, performance, music education, history or composition, there's a well-balanced degree program to suit:

●Bachelor of Arts (general)—a three-year program with minor concentration in music.

- ●Bachelor of Arts (Honours)—a four-year program with medial concentration in music;
- •Bachelor of Music (Honours)—a four-year program aimed at the student's acquisition of sound musicianship in theory, composition, music education, history and performance. It also prepares them for entrance to a Faculty of Education where a fifth year qualifies them for B.Ed. degrees and elementary teaching certificates, if desired, as specialists in music.

When composer and theorist István Anhalt left McGill University to head the Queen's Music Department last September, he found "an excellent staff assembled." Including himself and the Vaghy Quartet members, there are 13 on the faculty. In this third year of the B.Mus. program,

there are 79 professional students enrolled, with 40 more expected next term. About 200 Arts students take music courses as electives in other degree programs.

Besides the Vaghys, there are 21 studio instructors. Some of them come to campus fortnightly, or more often, from symphony orchestras in Ottawa, Montreal and Toronto. Several are from the Armed Forces' Air Transport Command band.

The students progress from studio to practical experience by performing in solo recitals, chamber groups of various kinds and participation in some of the ten or so musical organizations on campus or in the city.

Anyone wishing more information about the music program at Queen's should address enquiries to Prof. I. Anhalt, Head of the Music Department.

Students team up to design ideal urban auto

What are the qualities of the ideal urban vehicle? It is low in pollution, safe, economical, handles easily, reduces urban congestion, has a low maintenance schedule, can be repaired easily by a handyman, and is being designed and built right now by 35 Queen's students.

The car is to be Queen's entry in the Urban Vehicle Design Competition being held in Chicago next August. Five other Canadian universities will also compete. There is no monetary prize involved—"just the satisfaction of building the best car," says the 22-year-old project co-ordinator, Tim Secord, one of eight fourth-year mechanical engineers working on the car.

The team hopes to develop a four-passenger car that will cost between \$1,800 and \$2,000 to mass produce, be capable of 60 mph-70 mph, and have a minimum number of moving parts to permit a life expectancy of about \$0,000 miles. They figure their entry will cost about \$40,000 to build.

The body material is likely to be a high-impact plastic with built-in colour, "so paint chipping and rust won't be problems."

Corrosion-resistant aluminum or steel will be used for the frame. Though they are still working out details, the team members are quite sure about certain features. It will be a small car, by American standards—only five feet wide and 10 feet long. For propulsion with low pollution but adequate power, the team will use a commercially available diesel with a hydraulic pump-motor and accumulator. Commercially available suspension

will also be used.

As Golden Words, the engineers' weekly journal, explains it, "The diesel runs a pump which will drive two motors on the rear wheels, using stub axels and an independent trailing arm suspension.

Incorporated in the cycle is an accumulator—actually a well-disguised balloon. You pump fluid in when the motors don't need it; when braking, you run the motors backwards as pumps and use the energy created in braking to fill this balloon.

"When you want a fast get-away, you use all this stored energy, at 5,000 psi, to give the motors an extra kick.

"Under a normal city driving pattern, your stop-start would hopefully keep the accumulator full and allow acceleration from 0 mph to 60 mph in about 20 seconds."

In this way, a small power plant—the 20-hp diesel—will have a peak power output potential equivalent to that of a 50-hp engine. No current car uses a diesel/hydraulics system, and Mr. Secord says the team's research has uncovered only three previous attempts to build such a car, all during the 1950's or earlier, prior to the advent of space technology and materials such as titanium.

The design team has worked according to two basic criteria—simplicity and practicality.

A number of safety features are being incorporated. *Golden Words* says the car is "designed to be crushable on impact, like a Mercedes."

Guiding the designers on

passenger support, location, and instrument panel design (areas involving the man-machine interface) are 15 psychology students who are tackling these problems as part of Prof. G.M.E. Michaud's course "Psychology of Work and Skill". They're designing, for example, a panel that will place the instruments in the best visual position for all kinds of driving and will require a minimum amount of eye movement away from the road.

One of the competition's objectives is "to stimulate a project-oriented approach in engineering education which will incorporate ecological and social considerations as a basis in the design process."

The Queen's car will fulfill these objectives and more. For instance, it will meet the U.S. emission controls proposed for the automobile industry for 1975, rather than for 1973 as stipulated.

In addition to Prof. Michaud of the Psychology Department, a number of faculty members are involved, including Profs. E.F. Kurtz and K.L. Murray of Mechanical Engineering and C. Mulvenna of Engineering Drawing, who are the faculty advisors to the eight mechanical engineering students working on the project. Two graduate students are also working on the project as part of their thesis work.

The team had its comprehensive design ready by December 1 and hopes to have its detailed design in February, construction started in April, and road testing carried out in July. And then, in August, it's off to Chicago for testing by the judges.

Engineers use cans for wall construction

Early in December, several competing teams of Mechanical Engineers unveiled some curious and attention-grabbing projects. They had developed novel yet practical construction materials from one of Canada's greatest liabilities—garbage.

Under the challenging direction of Prof. R.L.E. (Dick) Brown, about 50 second-year students developed a range of four-by-eight-foot modular building units using empty beer and soft-drink cans as the basic material. The units not only incorporated enough strength to be useful in structural skeletons, but some were attractive enough to be used as exterior cladding. The panels are designed to last 20 years, allow for easy fitting of doors and windows, accommodate electrical services, carry roof frames, provide a vapor barrier and offset corrosion. They may be anchored to foundations.

Cost per panel was estimated at between \$16 and \$27, depending on the type of module, compared with an estimated \$62 for conventional panels of two-by-four lumber clad with building board.

The Metal Container Manufacturers' Advisory Council sponsored the research and development with a grant of \$1,000 for purchase of materials (besides the disposable cans).

A panel of judges examined the three projects which had been preselected from a total of nine to show the most versatility, commended the inventiveness of all concerned and split the prize money—\$360—three ways. Judges were E.E. Fry, president, Continental Can Co. of Canada Ltd., T.P. Cobb, president, American Can Co., and Prof. H.M. (Bert) Edwards.

The next move is up to industry. Will some building firm take over from here and develop a "wall of



CAN DO! So said this team of second-year Mechanical Engineers when challenged to show how empty beer and soft-drink cans could be used in construction. Some of the modules were board "sandwiches" with cans for filling; others were blocks of cans made rigid with poured and solidified fibreglas, wallpapered on the inside, with aluminum siding on the exterior.

garbage" to use up disposable cans, save timber resources and lower the cost of housing?

AUCC re-elects Principal

• Dr. John J. Deutsch has been re-elected for a second three-year term on the board of directors of the Association of Universities and Colleges of Canada.

Omissions from the Lodge

There were two omissions in an article in the July-August issue on Queen's Lodge, No. 578, A.F. and A.M., G.R.C.

The list of Queen's staff and student personalities who belonged to the Lodge should have included the late Dr. Stuart W. Houston and the late Prof. A.V. (Bert) Corlett.

Tribute to "Joe" Winney

At Christmas, Joseph T. Winney received a belated retirement gift—a silver plaque engraved with the Queen's crest and the signatures of students and staff members representing every segment of the university community. The citation read as follows:

"To Joseph T. Winney who served Queen's for many years as its Chief Accountant, Director of Purchasing and Director of Administrative Services and who later returned to aid the Department of Civil Engineering.

"Given to him upon his retirement July 1971 by a few to record the gratitude of many students and staff to whom he generously gave his assistance and friendship."

Around the Campus

The News in Brief

• Prof. Stephen Day, Arts'62, of the French Department, is writing and taping a series of 13 half-hour programs for CTV's University of the Air. The series, entitled "Les Gens Disent. . .", will be aired nationally this season at one-week intervals, beginning in Newfoundland.

• Grants. . . The Agnes Etherington Art Centre has been granted \$11,000 from the Canada Council to support its 1971-72 program. • The Medical Research Council awarded 68 grants-in-aid of research worth \$949,408 to members of the Faculty of Medicine. The two largest awards were \$41,800 to Dr. J. Kraicer, Physiology Department, to support his research into the mechanisms governing secretion of adenohypophysial hormones, and \$40,000 to Dr. D.N. White, Department of Medicine, for his work in ultrasonic encephalography. • Quarry magazine, which is edited by Profs. W.J. Barnes and David Helwig of the English Department, was granted \$2,000 by the Ontario Council for the Arts.

Users Committee at work on University Centre

For purposes of planning policy, the Senate has given its approval to the concept that the proposed University Centre should consist of a main centre supported by a system of sub-centres (see July-August issue). The decision was followed almost immediately by the appointment of an 11-member Users Committee.

The Committee, which began its schedule of meetings in mid-November, has been given Senate's go-ahead for the preparation of a "development plan" which is to include the possible incorporation of a sub-centre in the Arts/Social

Sciences Complex, now under way. This sub-centre would include a shop offering chiefly paperback books and magazines.

The proposed program of action for the Centre includes the appointment of an architect in February 1972; site confirmation by July 1972; a request to the Board for a budget in August; and preparation of the architect's working drawings a year from now, in January.

The Users Committee will be chaired by R.D. Norman, a professor in the Mathematics Department. Diana Blake, Arts '45, will represent the Alumnae Association and Robert N. Poole, Sc. '52, the Alumni. Other members are Prof. J.A. Bennett (Faculty Association); Susan Dowler, English '74; Jill Davidson, Soc. '73; Robert Warner, Education Arts '75; Tom Holloway. Com. '75; Prof. J.A. Euringer, Drama; and Dean D.A. Soberman, Law. C.W. "Cam" Jones, Director of the Department of Physical Plant, is an ex-officio member.

Woodrow Wilson Fellowships temporarily suspended

The Woodrow Wilson National Fellowship Foundation announced last fall that its fellowship competition has been temporarily suspended because the prospects of securing new funds are uncertain. The Foundation's trustees and officers have set about designing a new awards program, taking into account recent developments in graduate education and the teaching profession, and they will seek funds for this new program.

In recent years, Queen's students have fared very well in the Woodrow Wilson competition. In 1969 eight Queen's men and women won fellowships and three received honorable mention. In 1970, there were five fellows and three honorable mentions.

Though Queen's had no winners for the current term, two of this year's 305 North American winners chose to enrol in graduate studies at Queen's.

Lost Trails

Over the past 20 to 40 years, a few hundred graduates have been reported "lost". Since records of alumni and alumnae serve a multitude of purposes and are of assistance to many graduates who wish to stay in touch or get in touch with fellow students over the years, the Alumni Association is reluctant to lose anyone. Below is a partial list, in alphabetical order, of alumni in the "current address unknown" category. The Alumni Office, Oueen's University, Kingston, Ont., will welcome any information about the whereabouts of these former students, including notices of deaths if some are deceased.

Dr. Edward Francis Abbott, B.A.'65 Dr. Norton Robert Abramson, M.D.'69 Arnold R. Albert, B.A.'55 Wilfred Wright Allen, B.A.'47 Claire Gladys Anderson, B.A. 54(fall) Dr. T. Theodore Augustus Anderson, M.D.'50 Michael Armstrong, Arts'56 Dr. Paul Wayne Armstrong, B.A. 63, M.D.'66 Derek Clement Arnould, B.A.'49 Mrs. D.C. Arnould (Pamela Jocelyn Wickett), B.A. 52 George Frederick Bain, M.A.'53 Robert Alexander Beggs, B.Sc.'54 Francis Aubrey Bell, B.Sc.'51 James Arthur Bennett, B.A.'55 Norman Lyle Booth, B.A.'52 (fall) Dr. Donald Earl Bowes, M.D., C.M.'50 Donald Dawson Brown, B.A.'57, M.Sc.'61 Mrs. Cecil Geoffrey Bruce (Jessie Katherine Bailey), B.A.'34 (fall) Ronald Carlyon, B.Sc.'59 Dr. Malcolm Arthur Clark, B.Sc.'47, M.Sc.'48 (fall) Mrs. M.A. Clark (Barbara Ullett), B.A.'48 Walter Lantz Conrad, B.A.'55 Robert Hadden Hall Crawford, B.A.'59 (fall) William Louis Cross, B.Com.'53 Margaret Grace Delahey, B.A.'48 Dr. M. Charles dePencier, B.Sc.'57 (fall) John Edward Dixon, B.Sc.'55 Gerald Leonard Lackman, B.Sc.'48 (fall) Kenneth Arthur Laidman, B.Sc.'50 Lionel S. Lancaster, B.A.'49

Mrs. James Langstaff (Barbara Campbell Miller), B.A.'30 Lucien Michael Laporte, B.A.'69

Angus Lloyd Larocque, B.A.'42 (fall) James George Larocque, M.A.'54 Peter Hugh Latimer, B.A.'68

continued on p. 191

Letters

Ottawa, Ont.

Gentlemen:

The September-October issue of the Queen's Review, particularly the reprint of Lorne Greene's address delivered at the May 29th Convocation and Professor Browne's article on "Papa" Tirol, so filled me with nostalgia that I felt I should add a contribution of my own.

As with Lorne Greene, I was an undergraduate member of the Queen's Drama Guild and was in the cast of Submerged, in which he played a role. The play won a variety of competitions, ultimately ending as an entrant in the Dominion Drama Festival in Ottawa. Our first success, however, at Kingston, was a contrived one, for our director, the late Arthur Sutherland, who also played the principal role in the play, arranged for his mother and several of her friends to occupy seats in the immediate vicinity of the adjudicator and to sob very audibly at the dramatic passages of the play. The adjudicator would have been less than human not to have been affected by their performance, and we won first prize.

Again, "Papa" Tirol, whom I loved for his knowledge, skill and understanding, inculcated in me a strong affection for the French language. I well remember one occasion when he did not grade a paper I handed in with the usual A, and later he pointed to a sentence in the paper which he considered wrong. I gave him my source of reference in my dictionary and he, with grace, revised the mark—but remained unconvinced by the

dictionary.

I was one of those fortunate undergraduates who took the higher, more advanced, French courses from Dr. Tirol, and his encouragement led me to apply successfully for his scholarship, which I was awarded but ultimately refused, choosing another career rather than continue with my French studies and return to Queen's to teach French.

We undergraduates who were exposed to the influence of Dr. Tirol, in the classroom and elsewhere, were all the more fortunate for the experience, as was the University itself in having a person like him in the French Department.

Yours very truly, G.A. Ault, B.A. '35

Lethbridge, Alberta.

Dear Sir:

Re the splendid article on the life and passing of the late Dr. Everett McNeill. . . He was born and raised on a small farm in the rural district of Lower Montague, not far from my hometown in Georgetown, P.E.I. He received his public school education in the little one-room district school and, after attending Prince of Wales College, he taught for some time in his own home school. . . It was before my time, but, as I learned, he displayed the same reticent and dignified manner which we all found in him many years later.

Dr. McNeill came to Queen's as a professor of English in 1910, and I was among his first students. On one occasion. . . when I was entertained, among others, by Dr. and Mrs. McNeill. . . he sat down beside me and asked me where I had come from. With some excessive juvenile pride, I said I

was born and brought up in Georgetown, P.E.I., where three former principals of Queen's—Snodgrass, Grant and Gordon—had ministered in St. David's Presbyterian Church. When I finished there was a loud silence. I expected him to announce proudly that he, too, was a native son of "The Island". . . If he was not very proud of his humble origin and background, he amply atoned for it when he later established scholarships at Queen's for students from P.E.I.

Everett McNeill lived a long life and achieved a brilliant career. . . The high honours conferred upon him were hard earned and richly deserved. He had "much to declare."

Sincerely, O.R. Lavers, Arts'13, Theology'16

Aberdeen, Scotland.

Dear Sir:

. . . The article in the March-April Review, "Channels Recommended for Grievance and Discipline", could hardly have been written 50 or 60 years ago. True, we had our disturbances then, but they were in a more limited or less acute form, perhaps. Trouble arose sometimes through students acting in a disorderly manner within the bounds of Kingston. In the 1918-19 session, a few of them were brought up before a civil court and fined. The Concursus Iniquitatis et Virtutis, which consisted of the executive of the A.M.S. . . decided that if there were a repetition of such an occurrence, the offenders would be dealt with at an open meeting of the Concursus.

In 1919-20 there was a similar breach of the law with similar results. The Concursus had no option but to summon the students involved to appear before it. To some it may have seemed that they were to be tried twice for the same offence. Not so. They were being dealt with because they had injured the good name of the University. I have forgotten the details of what happened. What I do remember is that they were found guilty and it fell to me, being president of the

A.M.S. and therefore judge of the Court, to impose sentence. . . Several were ordered to pay \$10.00 apiece, others \$5.00, to the treasurer of the A.M.S., the money to be refunded. . . if their conduct remained exemplary to the end of the session.

At the close of my term of office, Principal R. Bruce Taylor wrote me a letter thanking me for all I had done as president of the A.M.S. . . . "The fact that no acute issue in student matters has arisen during your year of office," he wrote, "has been largely due to your own tact. . . Your experience in handling men and affairs will be found to have been abundantly worth while."

When I unearthed and read it long afterwards, my first reaction was that over the years I must have lost a lot of tact. . . . It was with much pleasure also that I received a kindly and thankful letter from Principal R.C. Wallace in reply to a message of congratulations and goodwill which I sent at the time of the Centenary celebrations. It bound me more closely to the "benign mother".

Sincerely, J.H. Burry, Arts'15, Theol.'19, Meds.'23

P.S. I remember that some members of the Court did not take the matter very seriously. Certain students had arranged a football (soccer) game for an hour coinciding with the meeting, and I recall going down to the lower campus and persuading a few. . . committee members of the A.M.S. that it was their duty to attend and act as jurors. . . Don Faris, who was honoured a few years ago by the University and who brought honour to it. . . by his agricultural research and enterprise, was amongst the number.

J.H.B.

Calling All Alumnae!

The Alumnae Association is celebrating its 60th anniversary with a weekend in Victoria Hall, May 12 and 13.

The Executive invites you to come and see what's happened on campus since you last saw it; join in the annual meeting; sip sherry and enjoy luncheon with your old class-mates.

Watch for details in the March-April issue.

At the Branches

Branch brings blending to Canadian connoisseurs

On November 25, 1971, 87 enthusiastic members of the Vancouver Branch assembled at the University Women's Club to participate in Canada's first "Blending Party". The idea for the "Convite de Mezela" party originated with Marshall Bluck, President of the Branch, who was aware of the potential of blending parties from experience gained in Europe.

A blending party, for the uninitiated, is a social event which provides, among other things, the opportunity for connoisseurs of the finer things in life to create their own blends of whisky. A variety of straight whiskys is used in various proportions, as suits the "blender", to produce a new blend of whisky to tickle the taste buds of the most discerning tippler. Of course, having created a new blend, the blender is at liberty to consume it (if there is anything left after his friends have

tasted).

Apparently a "Master Blender Pack" containing five different straight whiskys, a blender's measuring flask and instructions for creating about 100 different blends, can be purchased from the B.C. Liquor Control Board. There's nothing like it in Ontario yet. Too bad. There must be several Branches who would love to try it!

Branch Briefs

The Toronto Alumnae announces that its Winter Meeting will be held on Tuesday, March 14, at Consumers Gas Blue Flame Room. Special guest will be the new Dean of Women, Mrs. Evelyn Reid. The film *Queen's '71* will be shown.

The Toronto Alumnae is also asking for volunteers to hostess one or more tables of bridge during February or March to support the Alumnae Bursary Fund. Those willing to hostess or wanting to play at a neighborhood party are invited to call Joan Kooji (483-8516) or Lynne Gaetz (444-5717).



At the annual dinner of the Kingston alumni in November, the Kingston Award for meritorious service to Queen's and the city was presented to Dr. Gordon Mylks (second from left), retired Professor of Obstetrics and Gynaecology. Dr. Harold Ettinger, former Dean of Medicine, made the presentation while Mrs. Mylks looked on with Mr. and Mrs. H. Gordon Mylks, Jr.

GOING!

GOING!

GONE!







Here's how the Montreal Alumnae rounded up a roomful of "collectables", gave 200 people a great evening, and netted some new bursaries for Queen's

Early this fall, the Montreal Alumnae announced that in November they would hold an auction night called "Collectables, Old and New"—the objective being to have some fun while boosting Queen's bursary fund.

When November 11 arrived, more than 270 contributions solicited in a telephone blitz had been sorted into 181 auction lots displayed at Montreal West Town Hall, and a cheerful crowd of about 200 was on hand to enjoy the bargains and the show.

There was something for everyone. There were treasures of glass, china, leather, crystal, fur and wood. In decorative "hardware" there was a choice of silver, pewter, brass, wrought iron and aluminum. For art lovers, there were prints, wood cuts, engravings and original oil paintings and acrylics. Antique hunters found a couple of cameras with bellows, still in working order, and boxes of those newly valuable crown sealer jars. The collectables came from all corners of the

globe—Holland, Britain, France, Russia, Scandinavia, Italy, Czechoslovakia, Japan, Korea and Africa.

For collectors with memories of Queen's, there were pieces of seats from the old Richardson Stadium; a large yellow Queen's umbrella, with red and blue trim, from the 1933 period; a prospector's handbook dear to some geologist of the 1920s; and a pair of cavalry boots handmade in England for R.L. Dunsmore during World War I. Of the same vintage were handmade golf clubs in their original bag.

Mrs. Avron (Shirley) Cohen was in charge of rounding up the goods, with Norah Frood as chief cheerleader. Bill Small and Oren Frood sweated out the sale as bankers. Auctioneer Bob Hobbs of Norway, Maine, made a gift of his time and expertise.

Ursula Brodeur, i

Ursula Brodeur, in a letter to the Queen's Review, expressed thanks to them, and special thanks to all the alumni, alumnae and friends of Queen's "who gave so freely of their

collectables." "Without them," she said, "we couldn't even have held our auction. And those who gave so willingly of their time are just too numerous to mention, though their effort was a tremendous factor in our evening's success."

"It was hard work for a short period of time," Norah Frood adds, "but well worth it in terms of our returns." At the time of writing (early December), a final profit figure hadn't been sorted out. "But we grossed more than \$1,600," she says, "and expect to net around \$1,400 after expenses, sales tax, etc., have been figured. We're consulting with investment experts at Queen's to find the most productive use for the proceeds."

"We highly recommend this kind of venture as a fund-raising project for other alumni/alumnae groups," she concludes. "Shirley Cohen is writing a report on the whole thing and will be happy to pass along information on our experience to other interested groups."

Names in the News

Births

Amyot—To Michael M. Amyot and Mrs. Amyot (Marie McCann), Arts'70, Perth, Ont., July 9, 1971, a daughter. First grand-child for Mrs. Bernard McCann (Blanche E. McDonell), Arts'46, Balderson, Ont.

Anderson—To Dr. John E. Anderson, Med.'61, and Mrs. Anderson (Eleanor Kidd), N.Sc.'62, Kingston, Ont., November 14, a daughter (Beth Louise), sister for Bruce and Jim.

Banks—To Gary Banks (Pharmacy, Toronto) and Mrs. Banks (Bronwen Lloyd), Arts'68, Oakville, Ont., November 14, a first child, Mark Daniel Gordon, grandson for Mrs. Berna Lloyd (Berna Sheridan) Arts'44, and nephew for Martha Lloyd (K.G.H. Nursing'71). Mr. and Mrs. Banks reside at 1265 6th Line Road, #501, Oakville, Ont.

Bauer—To Major J.C. Bauer (R.M.C.) and Mrs. Bauer (Ann Rogers), Arts'62, Willowdale, Ont., at Ottawa on June 4, a daughter (Valetina Jennifer), sister for Elizabeth, granddaughter for Hubert D. Rogers, Sc.'13.

Burns—To James G. Burns, Sc.'68, and Mrs. Burns (Linda Sylvester), Arts'68, Scarborough, Ont., November 11, a daughter (Jennifer Lynn), sister for Duncan.

Dove—To John Allan Dove (McMaster) and Mrs. Dove (Janet E. Zurbrigg), Arts'62, Hamilton, Ont., September 3, a daughter (Catherine Margaret), sister for Elizabeth and second grandchild for A.B. Dove, Sc.'32, and H.F. Zurbrigg, Sc.'31. Mr. and Mrs. Dove are residing at 607 Iroquois Rd., Ancaster, Ont.

Fellows—To Dr. G. Fraser Fellows, Med.'66, and Mrs. Fellows, London, Ont., November 8, a son (Tobias "Toby" Edward). Dr. and Mrs. Fellows reside at 960 Harrison Ave., London 24, Ont.

Good—To Ronald Good, Com.'62, Law'67, and Mrs. Good (Sandra Shannon) N.Sc.'64, Port Hope, Ont., July 22, a son (Jonathan David Arthur). Mr. and Mrs. Good reside at R.R. #1, Port Hope, Ont.

Haag—To John G. Haag, Com.'65, and Mrs. Haag (Jean Marshall), Arts'65, Willowdale, Ont., November 21, a daughter (Colleen Victoria), sister for Donald and Carolyn,

granddaughter for H.I. Marshall, Sc.'41, M.Sc.'46, and Mrs. Marshall (Josephine Losee), Arts'42.

Hall—To William (Bill) Hall and Mrs. Hall (Joan Lee), Arts'63, Sault Ste. Marie, Ont., October 10, a son (David Scott), brother for Billy.

Heale—To Douglas G. Heale, Arts'65, M.B.A.'67, and Mrs. Heale (Elizabeth Gascoigne) Arts'64, Toronto, Ont., July 18, a son (Jeffrey Charles), brother for Robbie. Mr. and Mrs. Heale reside at 65 Gresham Rd., Toronto 298.

Holleman—To Ary Holleman and Mrs. Holleman (Valerie Smyth), Arts'63, Western Shore, N.S., October 19, a daughter (Lynda Elaine), sister for Eric and Lisa.

Hume—To John Hume (B.A., Waterloo Lutheran) and Mrs. Hume (Elaine Ward), Arts'68, Waterloo, Ont., March 19, a daughter (Jennifer Anne). Mr. and Mrs. Hume are now residing at 147 Elgin Cres., Waterloo, Ont.

James—To Dr. M. Ray James, Med.'68, and Mrs. James (Kathryn Handford), Arts'67, P.H.E.'68, Montreal, Que., November 7, a daughter (Christine).

Johnston—To Dr. David Johnston, Med.'69, and Mrs. Johnston (Helen MacRae), Arts, P.H.E.'69, Kingston, Ont., November 24, a daughter (Kirsten Margaret).

Leck—To Robert D. Leck, Arts'64, Law'67, and Mrs. Leck (Sally E. Brice), Arts'67, Queensville, Ont., October 31, a son (Robert Andrew).

Levenbach—To Dr. Hans Levenbach, M.Sc.'65 (B.Sc., Acadia, Ph.D., Toronto) and Mrs. Levenbach (Faith Harris), Arts'62 (M.A., Toronto), October 10, a daughter (Amy Joanne), sister for Jody. Dr. and Mrs. Levenbach reside at 33 Aberdeen Rd., Apt. 344A, Matawan, New Jersey 07747, U.S.A.

Love—To Gordon A. Love, Arts'66, and Mrs. Love (Irene Dingwall), Arts'67, Kingston, Ont., October 15, a son (Andrew Alexander), brother for Michael.

McCallum—To William C. McCallum, Sc.'68 (M.B.A. Western), and Mrs. McCallum (Barbara Milligan), Arts'68, Kingston, Ont., November 17, a daughter (Alison), sister for Bruce. They reside at 214 Victoria St., Apt. 2, Kingston.

McCay—To Gordon J. McCay, Sc.'67, Law'70, and Mrs. McCay (Maureen Roberts), Arts'66, Toronto, Ont., November 20, a son (Patrick John).

McIntyre—To Peter R. McIntyre, Sc.'68 (M.A.Sc., Ottawa), and Mrs. McIntyre (Diana Parks), Arts'68 (R.N.), Ottawa, Ont., October 5, a daughter (Heather Grace). Mr. and Mrs. McIntyre reside at 57 Beaverbrook Lane, Kanata, Ont.

Newson—To N. Ralph Newson, Arts'64, M.Sc.'70, and Mrs. Newson, Deux Montaques, Que., October 14, a son (Erik Ralph), brother for Bridget. Mr. and Mrs. Newson reside at 63 - 13th Ave., Deux Montaques, Que.

Nuttall—To James D. Nuttall and Mrs. Nuttall (Carol Taylor), Arts'70, Thunder Bay, Ont., October 10, a daughter (Margaret Susan), sister for John.

Poole—To Allan Poole, Sc.'67 (M.B.A., McGill), and Mrs. Poole (June Wilson), Arts'66, October 3, in Ottawa, a son (Michael Allan).

Roberge—To Richard R. Roberge, Sc.'64, and Mrs. Roberge, Crabtree, Que., a daughter (Nancy), sister for Jean-Louis and André.

Rowbotham—To Brian Rowbotham, Arts'65, Ph.D.'70, and Mrs. Rowbotham, Winnipeg, Man., August 12, a son (Michael Craig). Dr. Rowbotham is presently a post-doctoral fellow in chemistry at the University of Manitoba.

Saegert—To Peter F.M. Saegert, Sc.'59, '60, '63, and Mrs. Saegert, New York City, October 27, a daughter (Kimberly Olivia).

Shane—To Edgar H. Shane, Law'64 (B.A., Bishop's), and Mrs. Shane, Guelph, Ont., June 27, a son (Edgar "Jason" Arthur).

Sheridan—To Herbert I. Sheridan and Mrs. Sheridan (Sheila Cameron), Arts'57, Brockville, Ont., June 9, a son (Thomas Cameron), brother for Maureen Elizabeth and Kathryn Anne.

Stewart—To Ian R. Stewart, Arts'68, and Mrs. Stewart (Marian Hutchins), Arts'62, Kingston, Ont., October 6, a daughter (Megan Alexandra), sister for Fiona, Huw Gregor and Andrew.

Swirsky—To Ben Swirsky, Law'68 (B.Com., Dalhousie), and Mrs. Swirsky, Toronto, Ont., September 4, a daughter (Shari Beth), sister for Joel.

Tilson—To David Allan Tilson, Law'68 (B.A., U.N.B.), and Mrs. Tilson, Orangeville, Ont., November 11, a daughter (Janet Elizabeth). Mr. and Mrs. Tilson reside at 12 York St., Orangeville, Ont.

Warda—To Edward M. Warda, Arts'62, and Mrs. Warda (Catherine Mellish), Arts'63, Mississauga, Ont., October 30, a son (Craig Matthew), brother for Christianne. Mr. and Mrs. Warda reside at 2335 Wadding Cres., Mississauga.

Williamson—To George F. Williamson (R.M.C.'59) and Mrs. Williamson (Sally Rorke), Arts'59, P.H.E.'60, Saint John, N.B., November 10, a daughter (Jennifer Jane), sister for Scott, David, Andrea and Kirsten. The Williamsons reside at R.R. 1, Rothesay, N.B.

Willoughby—To David G. Willoughby, Com.'63, and Mrs. Willoughby, in Mexico City, September 20, a son (Marklin Philip). An account executive, Mr. Willoughby was recently transferred from Toronto to Mexico by his advertising firm, Young & Rubicam.

Marriages

Baker - Hunter—In Ottawa, Ont., Kathryn Elaine Hunter, Ed.'69 (B.A. Carleton), to Gordon Roy Baker, Law'70 (B.A. McMaster, M.A. Western). Mr. and Mrs. Baker reside at 83 Elm Ave., Toronto 287, where Mrs. Baker is on the teaching staff of North York Board of Education and Mr. Baker is with the law firm Davies, Ward & Beck.

Beresford - Cowan—In Ottawa, Ont., on August 21, 1971, Margaret Ann (Peggy) Cowan, Arts'70, to David Morris Beresford, Arts'70. Included in the wedding party were Gail Ferguson, Arts'70, and Yogi Pfau, Arts'70. Mr. and Mrs. Beresford are living in York University Graduate Residence #1, Apt. 801, Downsview, Ont., where Dave is completing his M.B.A.

Bertram—In Toronto, Ont., on October 4, 1971, Dr. Alice Winnifred Bertram, Arts'43, Med.'48, to Walter Mark Reimann. They are living in Dundas, Ont.

Billings—In Brockville, Ont., August 28, 1971, Ruth Elizabeth Billings, Arts'72, to Lincoln Andrews Jay. Mr. and Mrs. Jay reside at 118 Gore Street, Apt. 5, Kingston, Ont

Camm—In Kingston, Ont., October 9, 1971, Marion Eleanor Camm, Arts'70, M.A.'71, to Barrie Evans, (M.A., Strathclyde, Scotland). Included in the wedding party were Jane Inkster, Arts'70, Ed.'71, Frank Camm, Arts'73, Richard Camm, Arts'75. The bride is the daughter of Wendell Camm (M.A., Western) and the late Mrs. Camm (Phyllis Hough), Arts'44. Mr. and Mrs. Evans reside at 94 Bagot St., Apt. 4, Kingston, while both attend Queen's.

Campling - Gilmore—On August 21, 1971, in Morgan Memorial Chapel, Queen's University, Cynthia Gayle Gilmour, Law'73, to Frederic Miller Campling, Law'74, son of Professor C.H.R. Campling, Sc'44 (M.Sc., M.I.T.) and Mrs. Campling (Laura Miller), Arts'46, Ed.'70. Included in the wedding party were Ruth Campling, Arts'75, Edward Gill,

Sc.'72, Russell Reid, Med.'72. Mr. and Mrs. Campling reside at 103 Lower Union St., Kingston, Ont.

Cooper—On June 26, 1971, in North Bay, Ont., Marcia Cooper, Arts'72, to Barry Pond. Included in the wedding party were Jane Kerrigan, Arts'71, and Diane Cooper, Arts'73. Mr. and Mrs. Pond now reside in Orleans, Ont.

Cragg—In Woodstock, Ont., September 11, 1971, Mary Catharine Oates (R.N., K.G.H.), to Paul C. Cragg, Med.'69, son of Dr. C.E.A. Cragg, Med.'43, and Mrs. Cragg (Florence Trebilcock) Arts'42. Included in the wedding party were John R. Dimma and Peder Larsen, Med.'69. Mr. and Mrs. Cragg reside at 230 Geraldine Ave., Peterborough, Ont.

Garvie - McCallum—In Arden, Ont., June 23, 1971, Fay Maureen McCallum, M.A.'70 (B.A., Western) to Robert Henry Garvie, Arts'68. Mr. and Mrs. Garvie may be reached c/o R. Savill, Percival Farms, Hammer Springs, New Zealand.

Giles - Tatlock—In Kingston, Ont., May 1, 1970, Linda-Mary Tatlock, Arts'70, to George Edwin Giles, Sc.'70. Mr. and Mrs. Giles are residing at 1007 - 5220 Lakeshore Rd. E., Burlington, Ont.

Glassford—At Canadian Forces Base Petawawa, Ont., August 14, 1971, Margaret J.B. Glassford, B.Sc. (Arts)'65 to Norman C.D. La Croix. Mr. and Mrs. La Croix are residing at 96 Pinehurst Mobile Estates, Petawawa, Ont.

Good - Neill—In Ottawa, Ont., June 26, 1971, Peter Good, Arts'69, to Jane Neill, Arts & P.H.E.'71. Mr. and Mrs. Good are presently living at 389 Johnson St., Kingston, Ont.

Graves - Campbell—In New Liskeard, Ont., June 19, 1971, Barbara Ann Campbell, Arts'69, to William John Richardson Graves, B.Sc. (Arts)'70. Mr. and Mrs. Graves are residing at 34 Durie St., Toronto 159.

Hall—In Quebec City, Que., October 9, 1971, Wendy Vernon Quart to Gordon McCamus Hall, B.Sc. (Arts)'63. The groom's uncle, Dr. W.F. Banister, Queen's Theological College, officiated at the service. Mr. and Mrs. Hall are residing at 606 Avenue Rd., Apt. 203, Toronto, Ont.

Hasan—On September 30, 1971, Dr. Syed Khagan Hasan, M.Sc.'66, Ph.D.'69, (M.Sc., Karachi) to Hameedah Sultana (B.Sc., Karachi). Dr. and Mrs. Hasan are residing at Zafar Manzil 2/A/5/14 Nazimabad, Karachi, Pakistan.

McAlister - Ogryzlo—On August 27, 1971, in Toronto, Joan Ogryzlo, Arts'70, Ed.'71, to Steven A. McAlister, Sc.'71. Included in the wedding party was Ron Munkley, Sc.'70. Mr. and Mrs. McAlister are residing in Waterloo where Steven is working on an M.Sc. at University of Waterloo.

McGillis - McCloskey—On August 21, 1971, in Ottawa, Ont., Anne-Marie McCloskey, Ed.'70, (B.A. Carleton) to Roderick William McGillis, Arts'68, P.H.E.'69, Ed.'70. Mr. and Mrs. McGillis reside at 2300 Ogilvie Road, Apt. 37, Ottawa, Ont.

Markle - Wilson—On June 12, 1971, in Ottawa, Ont., Dianne Eleanor Wilson, Arts'71, to Bryan Edward Markle, Sc.'71.

Lost Trails

Below is a partial list, in alphabetical order, of alumni in the "current address unknown" category. The Alumni Office, Queen's University, Kingston, Ont., will welcome any information about the whereabouts of these former students, including notices of deaths.

Mrs. William Latimer (Margaret Elizabeth Pierce), B.A.'44
Earl Frederick Law, B.Sc.'36
Dr. Brian Thomas Lawton, Ph.D.'69 (fall)
Peter Maxwell Legate, M.A.'67
Major Odd Thorleif Lehne, B.Sc.'49
Dennis James Leonard, B.Sc.'48
James Benjamin Leonard, M.A.'64 (fall)
Mrs. George E. Levinrew (Evelyn Marie Fisher), B.A.'47
Bernard Edward MacDonald, B.A.'51
George Edison MacDonald, B.Com.'48
Sqdn. Leader Elmer Gabriel MacInnis, B.Sc.'52
Raymond Donald Morrow, B.Sc.'58

Raymond Donald Morrow, B.Sc.'58
Maris Vilis Neimanis, B.Sc.(Arts)'63
Dr. David Michael Nowlan, B.Sc.'58
Thomas Gerald O'Connor, B.A.'53 (fall)
Miss Dorothy Joan Proudman, B.A.'59 (fall)
John Charles Rogers, B.Sc.'52

see also page 186

Mr. and Mrs. Markle may be reached c/o Telefunken, Dept. 22, Backnang, W. Germany. Mr. Markle is an electronics engineer with Telefunken Corporation and Mrs. Markle is with the American High School.

Merk - Worley—On May 29, 1971, in Morgan Memorial Chapel, Queen's University, Jill Adele Worley, Arts'71, daughter of J.E. Worley, Sc.'43, and Mrs. Worley (Eileen Zadow), Arts'42, to Edgar Walter Merk, Arts'70. Included in the wedding party was Dawn Worley, Sc.'75. Mr. and Mrs. Merk reside at 21 Tichester Road, Apt. 402, Toronto 10, Ont.

Metcalf—On June 26, 1971, Cheryl Lynne Metcalf, Arts'65 (M.A. UNC), to Douglass James Seaver (M.A. Duke). Included in the wedding party were Diane (Metcalf) King, Arts'63 (M.A. Toronto), and Marilyn Duke, Arts'75. Mr. and Mrs. Seaver reside at 1040 W. Granville, Apt. 816, Chicago, Ill. 60660.

Murphy—At the Riverview Nursing Home, Smiths Falls, Ont., Dr. Giles B. Murphy, B.A.'04 (M.D., McGill) to the former Mrs. Lorraine Fitzpatrick.

Reicker—On November 27, 1971, in Hart House Chapel, University of Toronto, Sharon Elizabeth Richmond (B.A., York) daughter of the late William R. Richmond, Com.'47, to James Allen Reicker, Arts'69. Mr. and Mrs. Reicker reside at 75 Blackburn Avenue, Apt. 2, Ottawa, Ont.

Stokes—In Sault Ste. Marie, Ontario, June 12, 1971, Anna-Liisa Allison Lind to David Leonard Stokes, Sc.'66. Mr. and Mrs. Stokes are residing at 510 Maple Ave., Oakville, Ont.

Sutcliffe In Kingston, Ont., September 4, 1971, Helen Cecilia Sutcliffe, B.Sc. (Arts)'68, to Jack Cooper (Leeds). Mr. and Mrs. Cooper are residing in London, England, and may be reached at 11 Thurleigh, Flat 3, London S.W. 19, England.

Swann - Haight — In Oakville, Ont., May 29, 1971, Sandra M. "Sandy" Haight, Arts'71, to Jim H. Swann, Med.'72. Included in the wedding party were "Johnny" Haight, Sc.'37, father of the bride, Wendy Haight, Arts'73, Jane (McGillivray) Reid, Med.'73, Beth Hamilton, Arts'71, Ianna Swann, Rehab.'74, Russ Reid, Med.'72, Ron Walsh, Med.'72, and Warren Fraleigh, Med.'72. Mr. and Mrs. Swann are residing at 143 Bay St., Kingston, Ont.

Thain—In Thunder Bay, Ont., Mary Elizabeth Thain, Med.'69, to Dr. Stuart Mulock Parker (M.D., Toronto). Dr. and Mrs. Parker are both doing postgraduate work in pediatrics at the Hospital for Sick Children, Toronto.

Warren - Smith On August 13, 1971, in Toronto, Ont., Barbara Shirley Joan Smith, Arts'71, to Robert Leland Warren, Arts'69, Law'72. Mr. and Mrs. Warren reside at 147A Brock St., Kingston, Ont.

Watson On August 7, 1971, in Moose Jaw, Sask., Karen Lee Watson, Arts'67, to Kenneth Peter Bennett (B.Sc., Leeds). Attending the bride were Dr. Mary E. Thain, Med.'69, and Anne Searle, Arts'67. Mr. and Mrs. Bennett may be reached c/o Queen's School, Rheindalen, B.F.P.O. 40, Germany.

Watson -In Ottawa, Ont., May 22, 1971, Linda J. Watson, Dip. P.T. 70, to Robert A. Boutilier. Mr. and Mrs. Boutilier are residing at 136 Carling Ave., Apt. 1, Ottawa, Ont.

Watts—In Lincoln, Neb., June 7, 1971, Jane Anne Novotny (B.S., Wisconsin) to Stephen Harry Watts, B.Sc. (Arts)'69 (M.S., Neb.). Mr. and Mrs. Watts reside at 24 Mort St., Balmain 2041, New South Wales, Australia, while Mr. Watts completes Ph.D. requirements at the University of Sydney.

Whitfield—In Peterborough, Ont., May 1, 1971, Dr. Joan Alena Whitfield, Arts'63, Med.'65 (FRCP(C)), to Clifford Lawrence "Larry" Dobson (M.D. Alberta). Included in the wedding party were Dr. Margaret Whitfield, Med.'66, Sylvia Darby, Arts'63, Agnes Whitfield, Arts'72, Shiela Nichols, Arts'69, Olga Harrison, Arts'70, Kathryn Innes, Arts'62, Dr. Jane Pickersgill, Med.'66, and Mrs. W. Brown (Laufey Janusson), Arts'35. Dr. and Mrs. Dobson reside at 1901 Bayview Ave., Apt. 109, Toronto 17, Ont.

Wyman—On October 9, 1971, Ottawa, Ont., Bonnie Lee Wyman, Arts'65 (B.L.S., Ottawa), to Dr. V.S. Sastri (Ph.D., State University of New York, Buffalo). Dr. and Mrs. Sastri reside at 470 Cambridge St., Apt. 1008, Ottawa, Ont.

Young- On August 6, 1971, Ottawa, Ont., Joanne Stephanie Andrusko (B.A., Manitoba), to John Cromwell Young Jr., Arts'65 (M.S.W., Toronto). Mr. and Mrs. Young reside at 650 Grand Ave. W., Apt. 507, Chatham, Ont.

Deaths

Harald H. Backhaus, B.Sc.'69, Guelph, Ont., May 23.

Harold Robert Bartol, B.Sc.'68, Thunder Bay, Ont., as a result of a motorcycle accident, August 24.

Ivan William Boyd, B.Sc.'24, M.Sc.'26, Agincourt, Ont., May 27. Retired superintendent, Connaught Medical Research Laboratories, University of Toronto.

Norman Des Brisay Bray, B.Sc.'35 (M.Sc., Michigan), Academic Director, Algonquin College Technical Centre, at Ottawa, August 16, 1970.

Mrs. Harry J. Brookins (Irene M. Kelley), Arts'21, Newton Upper Falls, Mass., on November 1. Mrs. Brookins and her husband, Harry Brookins, Sc.'26, had attended the 50th reunion of her class at Queen's on the weekend of October 16.

Kathleen Calhoun, Arts'07, November 23, 1970. Miss Calhoun worked for many years in New York as library assistant with J.P. Morgan & Company.

Helen M. Dickson, B.A.'20 (B.Paed, Toronto), Toronto, Ont., August 1971.

Sir Alan P. Herbert, LL.D.'57, London, England, November 11; author, humorist, one of Britain's leading social reformers and former member of the British Parliament.

Mrs. Guy E. Johnson (Annie E. Beers), B.A.'16, Toronto, Ont., on June 3. Survived by her husband Guy Egbert Johnson, B.A.'19, M.A.'20.

Dr. Arthur C. Locke, M.D., C.M.'21, Belleville, Ont., August 27. A specialist in ophthalmology and otolaryngology for many years.

Plaque Honours Harry Rickerd's Church Work

On Sunday, October 31, the Class of Arts '25 honoured one of their late classmates. In Trinity United Church, Smiths Falls, a plaque was unveiled which carried this inscription:

To the glory of God and the memory of Harry M. Rickerd—1896-1969— Church Treasurer and Elder for many years—Veteran of World War I—He loved the Church and served it well. Erected by his classmates from Queen's University.

Among those taking part in the dedication ceremony were Mr. Rickerd's widow, the former Mildred Sheridan, B.A. '18; their son Donald, B.A. '53; Rev. Gervis Black, B.A. '53, B.D. '56; and J. Alex Edmison of the Class of '26.

Tribute to Dr. Wyllie

Dr. John Wyllie, a long-term member of the teaching staff in the Faculty of Medicine, died suddenly at the end of November. At the meeting of the Faculty Board, December 2, 1971, the following Minute was recorded:

"The late Dr. Wyllie was born in Scotland in 1894 and was educated at Bo'ness Academy and Glasgow University, where he graduated M.A. 1915; M.B., Ch.B. 1920; B.Sc. Public Health 1924; M.D. 1935, and at the University of Cambridge.

"Dr. Wyllie had a distinguished career as a medical teacher at Queen's in his capicity as the Arthur R. Elliot Professor of Public Health and Preventive Medicine—a position which he held from 1930 till his retirement in 1960. At the time of his death, he was Professor Emeritus of Community Health and Epidemiology.

"The thoroughness and breadth of Dr. Wyllie's teaching in the undergraduate course earned him the unqualified praise of his colleagues on both sides of the Atlantic, and the enduring gratitude and affection of generations of medical graduates at Queen's.

"Queen's University, many generations of Queen's students, and society as a whole, owe him a deep debt of gratitude."

This memorial was sent to Dr. Wyllie's family, which includes Dr. John Clifton Wyllie, Med.'52, and Dr. A. Kenneth Wyllie, Med.'55, both of Kingston.



The Late W.A. Clarke

William (Bill) Alex Clarke, B.Sc.'30, former Assistant Deputy Minister of the Department of Highways for Ontario, died in Toronto, Ont., on August 12. He lectured at Queen's for a session in the 1940's.

Mr. Clarke joined the D.H.O. immediately after graduation in 1930 as a construction engineer in the Ottawa district. He advanced through appointments of increasing responsibility to chief engineer in 1953, in charge of such projects as the Burlington Bay Skyway, construction of Highway 401, and the Little Rick River Bridge. A member of the Association of Professional Engineers of Ontario, he served on Council and several committees. He was appointed Assistant Deputy Minister in 1961 and remained in this post for two years before retiring to enter private consulting.

Among the survivors are his wife, a daughter Mrs. J.D. Law (Joyce Clarke), Arts'62, and a son-in-law, John D. Law, Sc.'62.

Mrs. H.P.S. Luttrell (Louise Tompkins), B.A.'04, Prince George, B.C., October 16. While she lived in Edmonton during the 1950's, Mrs. Luttrell and her sister taught Basic English to Chinese and European immigrants.



Dr. Crawford dies in N.Y.

Dr. Elliott Cedric Alvin Crawford, M.D., C.M.'16, died on November 28 in Ossining, N.Y. He was an eminent surgeon, a valued advisor to many medical boards and foundations, and since 1968 he had rendered special service to Queen's as president of the Friends of Queen's University, Inc., based in New York City.

One of his most recent public appearances was at the annual dinner of the New York Society of Queen's, where his introduction of medal-winner Dr. J.A. Corry was one of the

evening's highlights.

Dr. Crawford was born in Morningdale Mills, Ont., and graduated from the University of Toronto before enrolling in Medicine at Queen's. After two and a half years overseas with the Canadian Army Medical Corps (Queen's Hospital Unit) in England, France and Egypt, he undertook postgraduate medical studies in London, Edinburgh, Baltimore, Chicago and New York. He settled in Niagara Falls in 1922, opened a surgical clinic there with the late Dr. Arthur B. Whytock, B.A.'12, M.B.'15, M.D., C.M.'16, and practised widely on both sides of the Ontario-New York border.

In addition to fellowship in many professional associations, Dr. Crawford was a Fellow of the International College of Surgeons.

It was in 1968 that he succeeded Dr. John E. Hammett as president of the Friends of Queen's University, Inc. In recent years, the corporation has financially supported many projects at Queen's, particularly in medicine, biology, mining, psychology and art.

Queen's Principal, Dr. John J. Deutsch, in commenting on Dr. Crawford's death, described him as "a fine man, sincerely dedicated to his profession and to his Alma Mater" and noted that the Faculty of Medicine had just recommended him to the University Senate for an honorary doctorate at the 1972 Convocation.

Dr. Crawford is survived by his second wife.

Cameron Ross McIntosh, B.A.'08, North Battleford, Sask. in early August. Mr. McIntosh taught school for many years and later became journalist, printer and publisher for a number of weekly newspapers.

Sister Mary Beatrice O'Leary, B.A.'31, Barry's Bay, Ont., in summer of 1971.

William Carl Ringsleben, Sc.'16, M.Sc.'19, Unionville, Ont., November 19. Retired president of Ringlesben & Burns Consulting Geologists, Toronto.

Cochrane Newell Rowse, Arts'39 (B.Paed., M.A., Toronto) (B.Sc., M.Sc., London, England), at Winnipeg, Man., November 7. Former assistant professor of Mathematics and commanding officer of ROTP, University of Manitoba. Mr. Rowse joined the Manitoba government's Department of Labor in the early 1950's and later served in the treasury department. In 1961 he was on loan to the Glassco Commission.

John Milton Singleton, Sc.'12, Arts'17, White Rock, B.C., retired principal, November 6.

Howard Arthur Snelling, B.A.'31, on December 16, 1970. Former principal of Welland High and Vocational School.



Dr. J.A. Blezard Dies at 83

Dr. John Albert Blezard, M.B.'14, M.D.'17, died at his home in London, Ont., on November 13, after a long illness, at the age of 83.

A native of Warkworth, Ont., Dr. Blezard was educated there and at Campbellford. He graduated from Queen's in 1914 and interned at St. John's Hospital, Brooklyn, for a year. From 1916 to 1919, he served overseas with the Canadian Army Medical Corps.

On his return to Canada, he opened up a general practice in Edmonton, Alta. In 1931 he became a specialist in anaesthesia. From 1937 to 1948 he was assistant in anaesthesia at the University of Western Ontario, and for the next decade was professor and head of the Department of Anaesthesia. He retired in 1960.

His first wife, the former Ethel Wilder, B.A.'18, predeceased him in 1937. Among his survivors are his second wife, Margaret Barr Russell (B.Sc. Pharmacy, Alberta) and three daughters.

Leopold Havelock Thorburn, B.A.'43, in October at Sudbury, Ont. Professor in Department of English, Laurentian University.

Armond T. Whitehead, Q.C., B.A.'16, Toronto, Ont., barrister, November 5.

Dr. Arthur B. Whytock, B.A.'12, M.B.'15, M.D., C.M.'16, Niagara Falls, Ont. on November 29; a founding member of the Board of Administration of the Blue Cross plan.

Rutherford Wainwright Williamson, B.Com.'35, Erin, Ont., on November 5, former member of the firm Williamson, Shiach, Sales, Gibson & Middleton, chartered accountants, November 5.

Notes

Nobel Prize Winner Is Honorary Graduate

Dr. Gerhard Herzberg, winner of the 1971 Nobel Prize for Chemistry, received an honorary degree (D.Sc.) from Queen's in 1965. Dr. Herzberg is the father of two other Queen's graduates—Paul, B.A. (Hons. Physics) '58, and Agnes, B.A. '61.

When he was laureated in 1965, Queen's saluted Austrian-born Dr. Herzberg as "... physicist extraordinary, prolific writer on physics, whose own distinction has been adding lustre to the record of scientific achievement in his adopted country for more than 25 years, whose work on the spectra and structure of molecules has taken him into the rare atmosphere of other planets and has secured for him on this planet recognition and honour."

Following the announcement of Dr. Herzberg's award, Dr. John J. Deutsch sent the University's congratulations. "This is a wonderful and well-earned tribute," he said, "for your outstanding work as a dedicated scientist."

Dr. Herzberg, who has visited Queen's on a number of occasions, was on campus most recently last March to participate in a symposium on the need for a national science policy.

1900-1919

Dr. Franklin C. Bracken, Med. '11, who practised for many years in Brooklyn, N.Y., as an opthomalogist, is now retired and living at Holly Hedges, McCaskill Rd., Pinehurst, N.C. 28374, U.S.A.

Dr. Viola M. Davidson, Arts '18 (M.A., Ph.D. Toronto), is now living at Central Park Lodge, Room 529, 10 William Morgan Dr., Toronto 354, Ont.

David B. Fleming, Sc. '08, is now living at 2940 McCarthy Rd., Ottawa K1V 8K6, Ont.

John T. Rooney, Sc. '11, is the owner of Techni-Products Company, West Palm

Beach, Fla., and is the originator, manufacturer, and sole distributor of Crown Immersion Oil. He lives at Norton Park Towers, 1501 S. Flagler Dr., West Palm Beach, Fla. 33402, U.S.A.

Mrs. Norman Sanders (Jean Shields), Arts '14, Vancouver, B.C., was recently bereaved by the death of her husband.

Rev. William Scott, Arts '11, M.A. '21 (D.D., Union Theological College, Vancouver), retired missionary to Korea, is living at 28 Fulton St., Apt. 5, Brantford, Ont.

J.G. Wright, Sc. '17, Sackville, N.B., was recently given an honorary LL.D. degree by Mount Allison University, where he served as assistant professor of Engineering from 1953 to 1961. One-time Chief of Northern Administration, Dr. Wright is a past president of the Professional Institute of the Public Service of Canada.

1920-1929

R.N. Bissonnette, Arts '21, B.Sc. (Agr. '21), B.S.A. (Toronto), retired head of the Science Department, Stratford Collegiate, lives at 706 O'Loane Ave., Stratford, Ont.

Dr. W. Ford Connell, Med. '29, a noted Kingston cardiologist, has been named a director of the Ontario Heart Foundation. Dr. Connell, who has held executive positions with the Canadian Heart Foundation, is former chief of medicine at Kingston General Hospital and head of the Department of Medicine at Queen's. He is one of 24 directors of the Foundation for 1971-72.

R.M. Disher, Sc. '21, retired this year as principal of Ridgeway High School, Ridgeway, Ont.

Dr. Hugo T. Ewart, Arts '26, Med. '35, has received life membership in the Ontario Medical Association. Dr. Ewart is also a past president of the Ontario Medical Association.

Howard E. Meadd, Sc. '21, since his retirement in 1957 as division engineer for Howard Smith Paper Co., Cornwall, Ont., has served with the Cornwall Suburban Roads Commission, and was chairman 1970-71.

William C. Parnell, Sc. '21 (LL.B.), retired in 1964 as international patent attorney for Western Electric Company, New York. He and his wife live at 683 Northumberland Road, Teaneck, N.J. 07666, U.S.A.

Dr. J.G.M. Porter, Med. '21, and Mrs. Porter live in St. Thomas, Ont. They also keep a home in Lake Worth, Florida.

Dr. Scott E. Rutherford, Med. '21, is still practising in Windsor, Ont. He lives at 2559 Riverside Dr. W., Windsor.

Mrs. F.J. Sanders (Mildred I. Redmond), Arts '21, retired in 1965 after many years on the staff of the Sarnia Collegiate. She is living at 316 Ross Ave., Sarnia.

Dr. P.A. Scott, Med. '24, and Mrs. Scott (Ella Sparks), Arts '21, live at 354 Codrington St., Barrie, Ont.



Dr. G. Weber

Dr. R. Davies

A.D. Winspear, Arts '23 (M.A. Oxford), has now retired from active teaching and is Professor Emeritus and Research Associate in Arts and Science at the University of Calgary. He is engaged in the application of the computer to the question of the authenticity and homogeneity of works attributed to the writers of Greek prose. In this work, he has been assisted by a Killam Senior Fellowship and two Canada Council grants. A book written in collaboration with Reverend A.Q. Morton of the University of Edinburgh, It's Greek to the Computer, recently appeared. Another, Aristotle Meets the Computer, appeared in January. Prof. Winspear still sails his yacht, the Lysistrata, and organizes educational cruises in the Greek Islands and would be pleased to welcome Queen's people aboard.

1930-1939

Mrs. A.S. Barber (Marjorie Grant) Arts '36, of Waterloo and Douglas A. Grant, Arts '33, Brockville, were bereaved by the death of their mother October 9. Marcia Barber, Com. '72, is a granddaughter.

Melville H. Borland, Sc. '31, has retired as assistant superintendent in charge of milling and pelletizing at Marmoraton Mining Company Ltd., Marmora, Ont., a division of Bethlehem Steel Company. Mr. Borland spent 18 years with Marmoraton Mining, and started the first commercial pelletizing plant on this continent.

Lt. Col. Desmond T. Burke, Med. '32, Oakville, Ont., who represented Canada on 23 Bisley rifle teams and won the Bisley King's Prize, has been named to the Armed Forces Sports Hall of Fame. The Hall, established in 1970, will be housed in the new Forces headquarters building now under construction in Ottawa.

Robertson Davies, Arts '36, LL.D. '62, Master of Massey College, University of Toronto, was honored at the University of Windsor when he received an honorary Doctor of Letters degree and delivered the convocation address. Mr. Davies is vice-president and a director of the Kingston Whig-Standard.

Dr. Wallace R. Horn, Arts '33, M.A. '35 (Ph.D. McGill), is research co-ordinator, the Mining Association of Canada, Toronto, Ont.

A. Martin Jones, Arts '37, Com. '38, manager of Kiwi Polish Company (Canada) Ltd., was elected to the Board of Directors, Canadian Manufacturers of Chemical Specialties Association.

H.E. Swerdfeger, Arts '31, head of the Science Department of Rideau High School, Ottawa, retired in June after 42 years of teaching.

J. Leslie Thomas, Sc. '30, has retired from the Arthur G. McKee Company in Cleveland and is working for the Venezuelan National Steel Company in connection with extensions to their rolling mills, etc. Mr. Thomas may be reached c/o CVG SIDOR, Gerencia de Construccion, Estacion 84, Matanzas, Estado Boliver, Venezuela.

W. Millar Thomson, B.A. '36, was named Citizen of the Year at the annual banquet of the Pembroke Civitan Club. A teacher who retired in 1966, Mr. Thomson spent 23 years on the Pembroke Collegiate Institute staff.

George E. Wilson, Sc. '31, Arts '35, recently retired as general manager, Domtar Construction Materials Ltd., Baie d'Urfe, Que. Mr. Wilson is now living at 2 Mowat Ave., Apt. 906, Kingston, Ont.

1940-1949

Wilbert Ernest "Wib" Bales, Arts '41, has been appointed district manager of the Unemployment Insurance Commission's Toronto East Office.

R.N. Bassarab, Sc. '47, is with Williams Brothers Canada Limited, in charge of logistics for the North West Project proposed gas line from Prudhoe Bay, Alaska, to Emerson, Manitoba. He is living at 3227 - 6th St. S.W., Calgary 6, Alta.

K.C.B. Corbett, Arts '43, is serving a twoyear term as president of the Saint Andrew's Society of Toronto.

James E. Cullen, Sc. '49, has been elected president of the Canadian Manufacturers of Chemical Specialties Association. Mr. Cullen is presently technical director, S.C. Johnson & Son Ltd., Brantford.

Terrence W. Dobson, Sc. '48, has been appointed vice-president, Pulp Machinery Sales, of the Bauer Bros. Company, Springfield, Ohio. Mr. Dobson resides at Governor's Manor Apts., 2100 East High St., Springfield, Ohio 45503, U.S.A.

Henry A.T. Fleming, Arts '47, has been appointed associate director of the personnel department at Queen's University. He will work closely with personnel officer R.D. Fulton, Arts '43, with his main responsibilities labor relations and salary administration. Mr. Fleming was formerly personnel manager of the research and development department of Du Pont of Canada Ltd., Montreal.

Douglas J. Gordon, Sc. '43, general manager, Ontario Hydro, was named president of the Canadian Electrical Association and describes his main goal this year as "helping the industry to present its side of the case in the battle between the utilities and conservationists."

H. John Lush, Arts '48, president of the Hamilton Alumni Branch, represented Principal John J. Deutsch at the installation of Chancellor Pennell of McMaster University on November 19.





H.A.T. Fleming

M. Williamson

- **D. Scott McCann,** Sc. '47, has been appointed president, Teledyne Canada Limited, Toronto. Mr. McCann, who has held executive posts with a number of Canadian companies, for the past four years has been executive vice-president of Teledyne.
- Dr. Arthur F.W. Peart, Med. '40, was installed as president of the World Medical Association at its 25th annual assembly in Ottawa, September 13. Dr. Peart is also Medical Director of the Traffic Injuries Research Foundation of Canada, which examnes methods to improve passenger safety in automobiles.
- John A. Pigott, Sc. '41, vice-president of International Nickel, has been appointed to the additional position of president, International Nickel Australia Limited, Sydney, where he will be responsible for the company's affairs in Australia.
- Ralph E. Reynolds, Arts '49, on October 27 presented to His Imperial Majesty, Emperor Haile Selassie 1 of Ethiopia, letters accreditng him as Canadian Ambassador to Ethiopia. Mr. Reynolds will also be accredited to Madagascar and the Democratic Republic of Somalia, although he will be resident in Addis Ababa. His address will be the Canadian Embassy, P.O. Box 1130, Addis Ababa, Ethiopia. During the past four years Mr. Reynolds was director of the Transport, Communications and Energy Division in the Department of External Affairs in Ottawa. Previously he represented the Department of External Affairs in Warsaw, London, Copennagen, Geneva and Prague.
- Dr. H.D. Steele, Med. '45, was recently elected president of the Ontario Association of Pathologists at the association's annual neeting in Windsor. Dr. Steele is with the Department of Pathology at Queen's University.
- D. Boyd Valleau, Arts '46, has been appointed Ontario Zone Manager, Chrysler Canada etd. Mr. Valleau will be responsible for the ompany's vehicle marketing activities in the Ontario Zone, with headquarters in Toronto.
- Melvin Williamson, Sc. '41, has been appointed executive vice-president, Alcan International Limited. Mr. Williamson will be 'esponsible for the overall direction of Alcan international's headquarters operations in Montreal.

1950-1959

- Dr. Gary F. Bennett, Sc. '57 (M.Sc., Ph.D., University of Michigan), associate professor of Biochemical Engineering at the University of Toledo, was elected chairman of the year-old environmental division of the American Institute of Chemical Engineers (IAChE) at the organization's 64th annual meeting in San Francisco, Cal. During its first year of operations, the division has grown to a membership of 1,200 engineers and associated technicians.
- C. John Bermingham, Arts '53, manager and vice-president of radio station CKLC, Kingston, Ont., has been re-elected a director of the Central Canada Broadcasters' Association.
- **Dr. Philip C. Clapp,** Sc. '57 (Ph.D., M.I.T.), has been appointed staff scientist and group leader, physics basic research group, Ledgemont Laboratory, Kennecott Copper Corp., Lexington, Mass.
- William S.B. Cooper, Com. '51, C.F.A., is portfolio manager, securities, the Excelsior Life Insurance Company, Toronto, Ont.
- Terence D. French, Sc. '50, president and managing director of radio station CKLC, was honoured in Ottawa by the Central Canada Broadcasters' Association for dedicated public service and community contribution outside the broadcasting field. He was presented with the Howard Caine Memorial Award. Mr. French, chairman of the Frontenac County Board of Education, received the award primarily for his work in the field of education.
- Lt. Col. R.E. Gagnon, Arts and P.H.E. '52, was posted to Air Transport Command of the Canadian Armed Forces at Trenton, Ont., where he assumed the duties of senior staff officer, supply.
- J.W. "Mitch" Garrigan, Com. '58, has been appointed vice-president of administration for Price and Pierce Inc. of New York.
- Dr. Frederic N. Hainsworth, B.Sc. (Arts) '59, M.Sc. (Arts) '62, (Ph.D. McMaster) is with Ryerson Polytechnical Institute in Toronto, Ont
- J.H. Hansuld, Sc. '50, (M.A. Sc., Toronto) vice-president (Production), Diversey (Canada) Ltd. has been elected to the Board of Directors, Canadian Manufacturers of Chemical Specialties Association.
- **Dr. Kenneth H.W. Hilborn,** Arts '56, M.A. '57 (D. Phil., Oxford), has been appointed chairman of graduate studies in History at the University of Western Ontario, effective July 1, 1972. Dr. Hilborn, a specialist on 20th Century international relations, has taught at Western since 1961. Now an associate professor, he is also Foreign Affairs Editor of the magazine *Canada Month* and writes frequently for the *London Free Press*.
- **Bruce I. Howe,** Sc. '58, has been appointed group vice-president, pulp and paper, Mac-Millan Bloedel Ltd., Vancouver, B.C. Mr.

- Howe was previously assistant to the group vice-president.
- Steve B. Karis, Sc. '51, has been appointed works manager of Canso Chemicals Limited, Abercrombie Point, N.S. Mr. Karis was formerly manager of the Dalhousie, N.B., plant.
- Ian A. Kincaid, Arts '53, has been appointed general manager, Southwestern Ontario district of Dominion Dairies Ltd.
- James W. McCready, Com. '59, has recently moved to Midland, Ont., and established his own chartered accountancy practice.
- Dr. J.W. MacDougall, Sc. '59, M.Sc. '62, Ph.D. '64, represented Dr. John J. Deutsch, Principal of Queen's, at the installation of the Chancellor of the University of West Indies, St. Andrew, Jamaica, on November 13. Dr. MacDougall is on the staff of the Department of Physics at U.W.I.
- **Dr. Charles D. MacNiven,** Arts '54, M.A. '60 (D.Phil., Oxford), was appointed Master of Vanier College, York University, with a continuing cross appointment as associate professor, Department of Philosophy.
- W. Donald Maunder, Sc. '57, has been appointed vice-president, marketing, Greyhound Computer of Canada Ltd., Toronto. Mr. Maunder was formerly vice-president SCL Systems Corporation.
- A.M. Moore, Com. '50, attended the installation of Dr. Duckworth as President and Vice-Chancellor of the University of Winnipeg, on October 16, as the representative of Dr. John J. Deutsch, Principal of Queen's.
- William V. Moore, Com. '51, president, IBM Canada Ltd., has been appointed shareholders' director of Northern Life Assurance Company of Canada.
- Larry M. Shaer, Sc. '57, is quality control engineer, purchased materials and sub-contracts, in the Medium Gas Turbine Department of General Electric Company, Schenectady, N.Y. Mr. and Mrs. Shaer reside at 11 Conifer Drive, Burnt Hills, N.Y., U.S.A.
- Brian H. Smith, Sc. '59, has been appointed marketing manager for Burndy in Australia. Prior to transferring to the Sydney area, Mr. Smith had 12 years' experience with Burndy in Scarborough, Ont. Mr. and Mrs. Smith and family are residing at 26 Boundary Road, Wahroonga, N.S.W. 2076, Australia.
- Eric B. Toller, Arts'50, Com.'51, has been appointed superintendent of branches, Guaranty Trust Company of Canada. Mr. Toller was formerly an assistant general manager and manager of the company's Ottawa office.
- Dr. George Weber, Arts '50, Med. '52, was awarded the Alecce Prize for Cancer Research by the Italian Pharmacotherapeutic Institute. He was also elected a member of the Tiberine Academy in Rome. Dr. Weber was recently appointed a member of the Scientific Advisory Board of the Damon Runyon Memorial Fund for Cancer Research, Inc., and he is a member of the continued

Pharmacology B Study Section of the United States Public Health Service (1970-1974). Professor of Pharmacology at Indiana University School of Medicine, Indianapolis, Ind., and cancer co-ordinator of basic research, Dr. Weber organized the tenth in a series of the International Symposia on Enzyme Regulation in Mammalian Systems and has in press the tenth volume of the Proceedings of these symposia, Advances in Enzyme Regulation.

Prof. F.J.L. Young, M.A. '52 (M.A., St. Andrew's), has completed his first year as director of the Industrial Relations Centre at Victoria University of Wellington, Wellington, New Zealand. The Centre has three prime functions: teaching, research, and communications, including publishing of reports.

1960-1969

Peter O. Balder, Law '67 (B.A., Sask.), is practising law in partnership under the firm name, Balder & Klassen, 330 Bay St., Suite 140B, Toronto, Ont. Practice is restricted to family law and estate planning.

Tudor A.H. Beattie, Arts '67 (LL.B., Toronto), is practising law with the firm of Haffey, Sherwood, 2 Carlton St., Toronto, Ont.

Dr. John R. Campbell, B.Sc.(Arts)'65, Ph.D. '69, has joined the Aldrich Chemical Company, Inc., as a group leader.

Robert S. Check, Sc. '67, M.B.A. '71, is an accident prevention inspector with the Workmen's Compensation Board of British Columbia. He and his family can be reached at Suite 205, 5888 Olive Ave., Burnaby 1, B.C.

Alfred G. Dyke, Sc. '60, (E.S.S.A., Paris), has been appointed Marketing Manager of Canadian Liquid Air Ltd., Montreal, Que.

William J. Fernihough, Sc. '67, has been appointed assistant maintenance supervisor at the Aluminum Company of Canada's British Columbia Operation in Kemano, B.C. He was formerly with Alcan in Arvida, Que. The Fernihoughs reside at 509 Horetzky Ave., Kemano, B.C.

Rev. Barry Goodwin, B.D. '69 (B.A., Sir George Williams) will be associated with the team staff of the North Kingston Parish, United Church of Canada, Kingston. Rev. Goodwin resides at 607 Bagot St., Kingston,

Brian E.F. Greenleaf, Sc. '64, application analyst, Systems Dimensions Ltd., Ottawa, resides at R.R.2, Winchester, Ont.

Gordon M. Hall, B.Sc. (Arts) '63, assistant actuary, Crown Life Insurance Co., has been appointed an officer of the company. Mr. Hall recently attained fellowship in both the Society of Actuaries and the Canadian Institute of Actuaries. Mr. and Mrs. Hall reside at Apt. #203, 606 Avenue Rd., Toronto, Ont.

Mrs. Thomas Hamilton (Elizabeth Graves), Arts '68, and Mr. Hamilton (Lakehead) are now residing at Horseshoe Valley, Box 607,



P.C. Clapp



D.J. Pritchard

Barrie, Ont., where Mrs. Hamilton is employed as a counsellor with the Department of Manpower and Immigration.

William D. Hawley, Law '68 (B.A. Toronto) is associated with Gill, Conrad, Robison, Anderson, Smallwood and Meurin, in the practice of law at 1220 Calgary House, 550 -6th Avenue S.W., Calgary, Alta.

Douglas G. Heale, Arts '65, M.B.A. '67, and Mrs. Heale (Elizabeth Anne Gascoigne) Arts 64, reside at 65 Gresham Rd., Toronto 298,

Miss Carroll J. Holland, Arts '64, has joined the staff of the Ottawa Journal, reporting general news but specializing in community and social development topics.

W.L. Lindsay, Sc. '69, is a member of St. John's College, Cambridge, and is working at S.R.C. Turbomachinery Laboratory, University Engineering Department, Madingley Road, Cambridge, England. He is living at 19 Chancer Road, Cambridge, England.

John M. Longfield, Arts '69, has been appointed chairman of the Adult New Canadian Day Program for the Toronto Board of Education. He has also been appointed communications officer for District 15 (Toronto), OSSTF.

H. Gordon Mylks, Law '67 (B.A. Loyola), is now associated with the firm Madden, Young & Nasmith, Barristers and Solicitors, Napanee. Mr. Mylks will operate the firm's branch office at 15 Manitou Cres., Suite 1, Amherstview, Ont.

Roland W. Nice, Sc. '66, is now concentrator superintendent, Similkameen Mining Co. Ltd., Princeton, B.C. Mr. Nice was formerly mill superintendent, McIntyre Porcupine Mines, Schumacher, Ont.

Major George H. Nishimura, Arts '67, was recently promoted to that rank while serving



B.I. Howe



W.D. Maunder

at Canadian Forces Headquarters, Ottawa,

Dr. Jon H. Pammett, Arts '66, M.A. '67 (Ph.D. Michigan), has been appointed lecturer in the Political Science Department at Carleton University. Dr. and Mrs. Pammett are residing at 65 B Bowhill Ave., Ottawa,

Miss Florence M. Rivington, Arts '60, received a Master of Public Administration degree from York University.

Richard R. Roberge, Sc. '64, and Mrs. Roberge reside at 97 16th St., Crabtree, Que. Mr. Roberge is senior converting engineer for Scott Paper Limited, Crabtree.

T. Joseph Scanlon, M.A. '64 (Dip. Pub. Admin, Carleton), director of the School of Journalism at Carelton University, is on leave at the Centre International D'Enseignements Supervisor du Journalism in Strasbourg, France. Prof. Scanlon will return to Carleton July 1, 1972.

L.R. (Robbie) Shaw, Arts '63 (LL.B., Dalhousie), represented Principal John J. Deutsch at the recent installation of Dr. D.O. Carrigan as President of St. Mary's University, Halifax, N.S.

H.T.A. Webster, Sc. '61, received a Master of Public Administration degree from York University.

Gavin L. Wyllie, Arts '62, is practising law at 43 Amos, Place Bonaventure, Montreal 114,

1970-

B. Cameron Dawes, B.Sc. (Arts)'71, has been awarded a Bell Canada Centennial Fellowship for further studies.

Cam Innes, Arts and P.H.E.'71, who played on several Queen's championship football teams, played centre for the University of Windsor this year and was named to the Canadian Intercollegiate football coaches' first national all-star team.

Milton James (Jim) Martin, Sc.'70 (M.Sc., Stanford), has been awarded Xerox of Canada Limited's annual fellowship of \$2,000 for a Queen's student continuing studies in the graduate program of the School of Business. While a Queen's undergraduate, Mr. Martin received several scholarships.

Miss Patrice E. Merrin, Arts'70, is working as executive secretary to the Planned Parenthood of Toronto Association and residing at 100 Beverley St., Toronto 133, Ont.

Douglas J. Pritchard, Sc. '70, has been awarded a Shell Canada Fellowship for further studies.

Douglas Gordon Rombough, Com.'70 (Business Admin. Ryerson), after three years of teaching high school, has joined Thorne, Gunn, Helliwell and Christenson Ltd., Toronto. He is taking his M.B.A. at York University and plans to write his C.A. finals in 1972.

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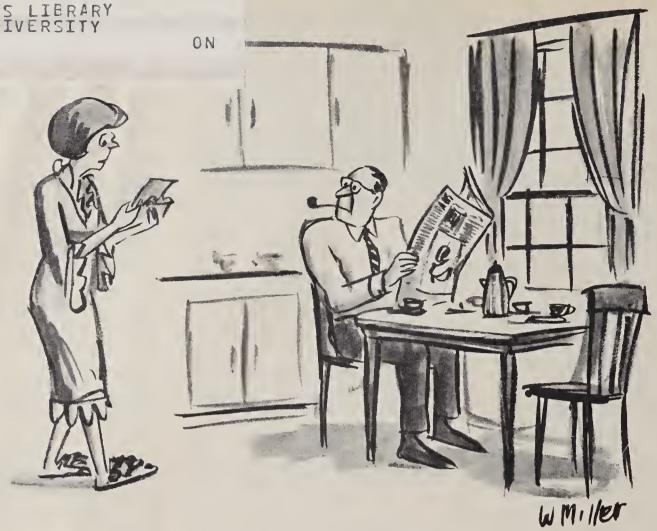
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"Oh dear! It's from your alma mater. The classes from '32 through '36 are being recalled, owing to faculty incompetence during that period."

Drawing by W. Miller
© 1967 The New Yorker Magazine Inc.

REUNION 1972

WEEKEND OF THE QUEEN'S - VARSITY GAME

Classes officially scheduled to attend:

1912

1947

1922

1949-50-51-52

1930-31-32-33

1968-69-70-71

Please note that the above schedule is for purposes of convenience only.

Any class may hold a reunion at any time.

The Alumni Office will help all reunion organizers with their arrangements, including the preparation and mailing of notices, newsletters, class lists and other communications.

OCTOBER 20, 21, 22

under Sity

ALUMNI REVIEW MARCH — APRIL 1972



QUEEN'S ALUMNAE DIAMOND JUBILEE

ANNUAL MEETING & RESIDENCE WEEKEND May 12 & 13

in Chown Hall, Queen's University

Special guests will include former presidents of the National Alumnae Association, former Deans of Women and wives of former Principals of Queen's

Friday, May 12

Pre-executive meeting, Chown Hall, 3.30 p.m. Sherry party and executive dinner,
Cataraqui Golf & Country Club, 6.00 p.m.

Dinner for early arrivals,

Ban Righ Dining Room, 5.00 - 6.30 p.m.

Registration and Coffee Party, Chown Hall, Friday evening

Saturday, May 13

Continental Breakfast, Chown Hall, 8.00 a.m. Annual Meeting in Ban Righ, Old Common Room, 9.30 a.m.

Sherry party and luncheon, Faculty Club, 12.30

Special luncheon feature: Fashion show with recent graduates in the dress of the past 60 years and alumnae speakers from each decade

Applications for reservations for the residence weekend should be sent to the Alumni Office, Queen's University, Kingston, Ont.

A package price of \$12.00 includes double or single room in Chown Hall, continental breakfast and luncheon at the Faculty Club. For dinner at Ban Righ on Friday evening, add \$2.70.



ALUMNI REVIEW

MARCH - APRIL Volume 46 Number 2

Editor and Business Manager HERBERT J. HAMILTON

Associate Editor
CATHERINE M. PERKINS

Editorial Assistant FAYE PATTEN



COVER: Students getting younger? Yes and no. But this particular little "co-ed" isn't sweating over spring finals; she's absorbed in a draw-paint-and-paste class for children at the Art Centre. More photos on page 44.

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You've been good to Queen's 38 Report on the Alumni Fund

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books by jucuity members

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Photo credits: Cover and photo essay, 44-45, John Brebner, Photo Image 33; Ted Passmore, 36; Wallace R. Berry, 49, 58 (McCuaig), 60 (Fyfe); Blackstone, 39; Ronald R. Miller, 61 (Hartley); Gerald Campbell, 60 (Small); Studio Von dulong, 60 (Bouey); Feature "Life at the Centre", 44-45, was produced by Eileen Ruskay, publicity officer, Agnes Etherington Art Centre.

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In Memoriam

Bust of Col. R.S. McLaughlin in foyer of McLaughlin Hall

From The Queen's Journal

" Colonel Sam is dead.

"He lived for a century. When he was born, John A. Macdonald was Prime Minister, and Queen's was snuggled in two buildings—Summerhill and the Old Medical. When he died, the science centre the old carriage mechanic had helped to endow was showing children how men had landed on the moon.

"Col. R. Samuel McLaughlin, the greatest benefactor Queen's has ever had, died Thursday, January 6, aged 100, at his home in Oshawa.

"He was chairman of the board of General Motors of Canada. He was a Companion of the Order of Canada. And, says the Toronto Daily Star, 'he was the grand old man of the grand old men.'

"McLaughlin gave Queen's two buildings—McLaughlin Hall, home of the Mechanical Engineering Department, and Adelaide Hall, a women's residence, named for his wife.

"In addition, he donated much of the money that built the present Students' Memorial Union; the McLaughlin Room there is named in his honour.

"He gave Queen's the McLaughlin Fellowships and Scholarships for graduate students. He gave Queen's the John Buchan Collection, pride of Douglas Library. He gave Queen's the Brockington Visitorship, which brought Gunnar Myrdal here last fall and will bring U Thant this October.

". . . In 1946 McLaughlin, who left school at 16 to work in his father's carriage shop, became an honorary graduate on the stage of Grant Hall."

From the funeral address by Queen's Chaplain, Dr. A.M. Laverty

"A name to honour and a debt to pay we have this day as we are met in this place where eternal things are spoken of, and the rest that remaineth for the children of God is a lively hope for there has passed from among us a great Canadian who was a legend in his time, a guide and a landmark in the land whose life span is only a little longer than his own.

"Very few men have done more or better. As the leading industrialist of his century, he covered the entire span from the handicraft village to the vast industrialism of the technological age. He was an extraordinary pioneer on the frontiers of human industry and on the frontiers of humane concern.

"This city [Oshawa], this province and educational institutions and worthy causes across the Dominion have been his beneficiaries. His giving gave him pleasure and he followed his gifts with keen enjoyment and satisfaction.

"He was not only a most generous giver. He gave graciously, gladly and wisely.

... "We honour him because while full of years he was always young in heart, and because throughout his long, long life he was truly a great and good citizen of this great and good land."





Above, Colonel Sam with the Queen Mother at running of Queen's Plate in the 1950's. Bottom left, dedication of the Buchan Library at Queen's, 1955, with Lord Tweedsmuir (John Buchan), Mrs. McLaughlin (the Adelaide of Adelaide Hall), the Colonel and Principal W.A. Mackintosh. Centre, turning of the first sod for McLaughlin Hall, 1946, with Chancellor C.A. Dunning. Right, programme for official opening of mechanical engineering building, 1948.



Dr. John J. Deutsch, Principal of Queen's

Jol. McLaughlin was a generous benefactor and a great friend whose long, lively, and informed interest Oueen's University meant much. His vision and generosity opened doors of opportunity for many Queen's men and women who now serve with distinction this country he so deeply loved. His monument is not just stone and mortar, but their character and capacity. For all that he was and all that he did we are deeply grateful."



Ten years of alumni giving—an analysis

Queen's graduates maintained their strong support of the University in 1971. Contributions made to the Alumni Fund compare favourably with the \$181,860 received in 1970. Because many graduates elected to support Queen's Capital Program, the number of donors to the 1971 Fund decreased.

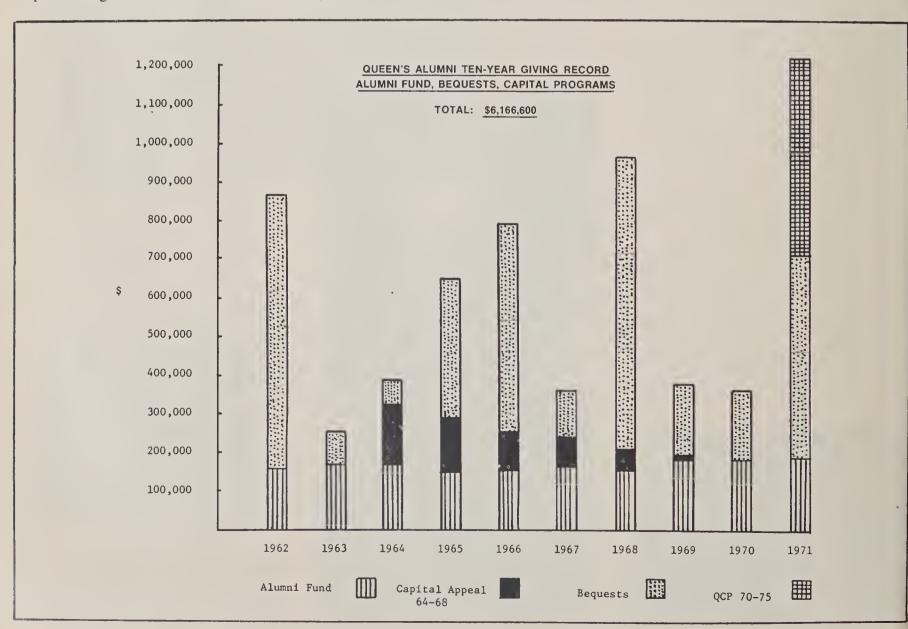
Donors to both programs totalled more than 6,000. The average gift was \$35; 342 graduates increased last year's gift; and 269 new donors participated.

The Fund recorded \$103,115 in unrestricted gifts. The remaining \$80,000 was designated for specific projects such as residences, library, A.H.A. Ross Scholarship, medical research, Principal's Special Aid Fund, Med. '29 Trust Fund and many others.

The Board of Directors, Friends of Queen's Inc., New York City, made grants totalling \$35,260 to support the William A. Friend Memorial Lectureship, the Dr. David Barsky Prize, Dr. Alan Bateman Fellowship in Geology, equipment for the Mining Engineering Building, medical research, the Art Centre and others. In addition \$19,380 was directed to Queen's Capital Program.

Gifts/pledges from the Alumni Division of Queen's Capital Program have now reached \$800,000.

ALUMNI GIVING, 1971 Alumni Fund Canadian \$146,885 Friends of Queen's 35,260 970 Matching Gifts \$183,115 Queen's Capital Program Canadian \$215,000 Friends of Queen's 19,380 \$234,380 Wills/Bequests \$512,125 \$512,125 \$929,620



Queen's Golden Gals didn't win any team championships this year in the Ontario Women's Intercollegiate Athletic Association, but they did come close in hockey and curling and they won several individual titles.

The hockey team dropped a 1-0 heartbreaker in double overtime in the semi-finals against Western. The girls scored one goal that was disallowed. Queen's then went on to win the consolation 4-3 against McMaster.

In curling the Gaels went down to defeat in the finals in an extra end. They were tied with Waterloo, with four wins and one loss, after the six-team round-robin competition.

Individually the girls did their best in figure skating. Debby Pepler won the junior singles, and Sue Donnelly won the intermediate singles. Moira Fitzpatrick and Anne Ledingham won the junior pairs. These girls, plus Whitney Bassarab, Debbie Hodgins, Nancy MacLachlan, Kathy Martin and Kita Sapack, won the synchronized group routine. The team placed a close second to McMaster University.

In gymnastics the team placed third, with Penny Smith winning the junior championship in the balance beam and floor exercises. Vivien Symington, third in the senior all-round, was named to the OWIAA conference team, which competes in Edmonton for the national championships.

The girls were third in the badminton competition, with individual championships going to Jane McMichael, third singles; Mary Robbins, fifth singles; Patsy MacKimmie, sixth singles; and Misses Robbins and MacKimmie, third doubles.

In Alpine skiing the team placed a close second in the OWIAA championships. They won the Waterloo invitational meet against the same conference teams. Margie Chaput placed second all-round, with a second in slalom and a third in giant slalom, and was named to

the Canadian intercollegiate student ski team, which participated in the World Student Games at Lake Placid.

In swimming Cathy Brace and Cathy Clarke made the conference team which placed second in the national competition at Fredericton, N.B. . . The basketball team finished out of the money, but nearly half of their losses were by two points or less.

And as for the guys.

In the major sports in Ontario Universities Athletics Association, Queen's failed to make the playoffs, but was in the running until the end. The hockey team, riddled by injuries and other casualties, won 8, lost 9, and tied 1. The basketball team won 5 and lost 7, with Andy Daugulis second high scorer in the league and Paul Howard second in rebounds.

The volleyball team won the OUAA championships and placed third in the national finals. . . Queen's won the Nordic skiing title. . . . In badminton the Gaels were eastern titleists and got to the finals in the nationals. Jim Lim was the OUAA singles champion. . . The curlers took third place and so did the water polo team. . . . The gymnasts were second in the east and third in the finals.

For the track team, it was the best indoor season ever. The grand finale came at the Canadian Indoor Championships in Quebec City when a six-man contingent picked up five medals—Kip Sumner for the 1500 meters (time 3:54:4); Hugh Fraser for the 200-m dash (22:1); hurdler Dave Jarvis (6:8); shot-putter Bob Lingwood; and jumper Glen Milligan (22'4"). Brian MacDonald, middle-distance runner, failed to score at Quebec but had a good year overall. Fraser, Jarvis and Sumner appear to have good chances for Olympic berths, with MacDonald also a possibility.

> Gymnast Chris Goodbrand, a first-year Arts and Science student



Two Killed in Crash Identified

Oshawa (CP) Feb. 19—Police Thursday released the names of two Columbus, Ohio, men who were killed when their light plane crashed into a field four miles from the airport here Wednesday and burst into flames. The crash victims were Dr. D.C. Brunton, 54, who piloted the plane, and Jack Hickman.

Don Brunton Remembered

"Never in the history of Canadian business have there been so many brains concentrated among so few"

by Pappy McKean

Before that disastrous football game last fall which ended the season for the Golden Gaels, I was picked up at the Kingston motel by two distinguished gentlemen, Dave Rigsby¹ and Doug Annan². Of course, when Science '40 types get together like that, conversation is bound to flow. Among other things, it was decided that we owed it to our former classmate, Don Brunton, to give him a "mention in despatches," and that I should take on the task in honour of this fine man and good friend.

Dr. Donald C. Brunton, Ph.D. in Engineering, lived in Ottawa when we knew him down at Queen's. He was a non pareil as a student, though withal these qualities were tempered by the common touch and a friendly manner which fitted him in with us, as well as those on the campus who were different from the regular Science '40 gang.

This was back in 1936, or 9 B.B. (Before the Bomb) as it later turned out. Cooch McMaster³, Nick Paithouski⁴ and I studied together during our freshman year, and when we encountered a road block (this happened quite frequently when we were hitting the books), we hiked out to Division St. or wherever it was that Don had holed up among a group of similar cerebral endowment. With Don Brunton and Norm Alcock⁵ as tutors we soon had the problem straightened out, but those boys were so sociable that we always stayed for a bull session; just imagine, keeping us from our studies like that!

Nobody thought much about nuclear physics in those days, but Don might well have been interested; his rise through the scholastic ranks was so fast that he was a Ph.D. almost before the rest of us got our sailing ticket.

The idea of fooling around with the atom began and ended for us with Dr. Rutherford's brilliant experiment down at McGill, which consisted of chasing charged particles (alpha particles) through a sheet of metal to demonstrate that some particles were deflected, while some atoms went through the sheet. This proved that the atom consisted of a nucleus surrounded by spinning rings of electrons, and that a lucky alpha particle could shoot through an obstruction such as a metal sheet, provided it did not collide with a nucleus. Dr. Rutherford's experiment was wonder enough for most of us, since we were more than occupied with the sciences and practices connected with mining, metallurgy and other mundane arts.

By chance, however, I do know that Brunton was on familiar terms with atoms and molecules while we still were undergraduates.

In the fall of 1939 I had a couple of sups (the sophomore year had been rather disastrous for the studies: I had been elected president of Science '40) and I came south from the mines earlier than usual to bone up on the two subjects. Burning the midnight oil with radio on was just no good; Hitler and Chamberlain were doing the same over in Europe, burning up the wires with war news. It was a refreshing distraction, one afternoon, to meet Don Brunton while crossing the back campus.

Brunton was working on a thesis under the direction of Shorty Robertson over at the physics building, so I went along in order to stretch out our conversation. Thi was a mistake, for Professor Robertson had no use for mad scientists such as Pappy McKean, and the experiment was not going at all well. They were trying

to achieve that scientist's dream, a perfect vacuum.

The apparatus looked like an old-fashioned washing machine with a well-sealed glass bowl. It was surrounded by air pumps and other paraphenalia, while at the center of the bowl was an ordinary radio tube with a hole in it. This tube was to be their Maxwell's Demon⁶. Other scientists had tried for an absolute vacuum by using pumps to the full extent of mechanical power but had failed because there always were some particles of air remaining when, technically, there was nothing left to pump. Brunton and Robertson had gone a big step further by introducing that little radio tube with a hole in its side. The remaining air particles, upon entering that tube, would be ionized and thus deposited on the cathode element, held safely out of the system by their electrical charge.

"The trouble is now, Pap," Don explained, "we are dealing with practically nothing inside that vessel. We have no way to make the last particles of air go into the radio tube."

How he knew that there were some particles left I did not know, nor did I ever learn how the experiment turned out. Professor Robertson was casting the odd paleful look at us from the far side of the lab, so I departed after making a few inane remarks to the effect that nature abhors a vacuum, and that he should mount the radio tube on a little carousel so that it eventually would sweep up the last recalcitrant particle while spinning around inside the vessel.

After graduation I saw little of Don Brunton, though we did make up for lost time when we got together. He vent to the Atomic Research Centre at Chalk River, hus getting into nuclear physics almost on the ground loor, gaining knowledge which he later built up until he ad the reputation of one of the best atomic scientists in

David L. Rigsby, Sc.'40, President of Queen's Alumni Association; Assistant to the Vice-President, Sheet Products, Alcan International, Montreal.

Douglas B. Annan, Sc.'40, football captain; National Chairman of the Queen's Capital Program, Alumini Division; Vice-President, De Haviland Aircraft of Canada, Downsview, Ont.

Haviland Aircraft of Canada, Downsview, Ont.

George McMaster, Sc.'40, called "Cooch" because he bought a couch on which he and his girl friend could sit and hold hands. Killed in a crash soon after graduation while training with the R.C.A.F.

Nicholas J. Paithouski, Sc.'40, winner of the Johnny Evans Trophy; civil engineer with the Department of Public Works, Ottawa.

Dr. Norman Z. Alcock, another outstanding Sc.'40 student, now director of the Canadian Peace Research Institute, Oakville, Ont.



Canada and one of the world leaders at the peaceful, engineering application of the related disciplines.

He and Norm Alcock were together at Chalk River and together they left to form, along with others, a small company called Isotopes Limited (or was it Unlimited?). Don was president; the idea was to use isotopes produced in the reactor at Chalk River to solve problems which could not be tackled in any other way. I rather gather that never in the history of Canadian business has there been an organization with so many brains concentrated among so few.

Capital was difficult to raise, and the companies with which they dealt were only enthusiastic after a hard-nosed demonstration. That is, with one exception.

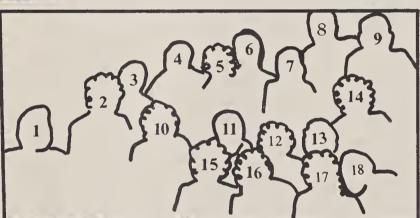
They approached John Labatt Ltd. for the loan of half a million dollars for operating capital, and that company, although it had a reputation for bonusing such promising young enterprises, wanted to be filled in on the background. Brunton and associates devised a little gadget chock full of isotopes, which, when lowered into a vat of brewing beer, would tell the brewmaster all he wanted to know about what went on among the malt, the yeast, and the complicated hydrocarbons as they frothed their way toward the production of a bottle of ale in the amber. A laudable endeavour, indeed.

However, that all-important demonstration for Labatts turned out a fiasco. Those silly isotopes failed to perform their appointed tasks, whether they were too hot or too cold, or simply because they were bemused by all that beer around them. The president and directors of Isotopes withdrew their doodle-bug and prepared to slink quietly away.

Not so, however; the officials with whom they had been dealing took them into the office, and, to the everlasting credit of John Labatt, told them that the

- 6. Maxwell's Demon is an imaginary little green man used by science teachers to illustrate the movement of particles within a gas. The Demon sits by a hole in a vessel and grabs off every particle of gas coming through the hole, while preventing particles from re-entering. Thus he produces a vacuum within the vessel. Brunton's experiment shows that twin demons would be necessary, since the second little green man would have to go into the vessel to gather up the remaining particles of gas; those particles become dormant once they do not have companions off which to bounce.
- 7. Prof. J.K. Robertson was an excellent teacher, and I often wonder how men of his capabilities could master the patience to instruct young barbarians such as us, while his main interest was the heady stuff of pure science.





loan was good, without a second demonstration.

With this backing the company achieved a certain amount of fame and prosperity. Jobs came to them, and it is only necessary to mention one of these in order to point up the efficacy of isotopes when used to solve certain problems.

A skating rink in southern Ontario had developed a leak in the piping under the ice. There are several miles of such pipe under any rink with artificial ice, and before the atom the only way to find such a leak would be to thaw everything out and test the system under pressure, a costly and time-consuming effort. Brunton and associates simply pumped some radioactive fluid into the pipes, then flushed the whole thing out with plain water. They then went over the surface with a geiger counter; above the leaky spot the needle of the instrument jumped in a highly satisfactory manner, since a deposit of isotopes had remained there.

Such problems were mere bagatelles to Don Brunton, with his engineering ability to see things as they ought to be; it was inevitable that he should move on to larger fields. At a Science '40 party after a football game, out at the Kingston golf course, I learned that he had done so. There Don told me that he was living down in Ohio,

Faces from the "Brunton era"—some of the A.M.S. executive, with their dates, at a party before the A.M.S. formal, March 1940: 1. Bruce Vowles 2. Ruth Hood (Mrs. L. Horlick), president, Levana Society 3. F. Mac Young. Aesculapian Society rep 4. Dr. Dick Rettie 5. Mary McDonald (Mrs. Brunton) 6. Dr. Don Brunton, president, A.M.S. 7. Judge John R. Matheson, president, Arts Society 8. Vice-Principal Jim Courtright, secretary, A.M.S. 9. ? 10. Margaret Cross (Mrs. W.J.R. Paton), treasurer, A.M.S. 11. F.K. McKean, president, Engineering Society 12. Eleanor Stitt (Mrs. McKean) 13. Barbara Thompson (Mrs. J.H. Whelan) 14. Alice Holmes (Mrs. W. Poole) 15. Sylvia Woodsworth (Mrs. H. Campbell), Levana Society rep 16. ? 17. ? 18. W. Gordon Thomas, Arts Society rep.

and I accused him of following the same philosophy as John D. Waterhole in Drummond's habitant poem: "I go by de State to make de beeg mon-ee."

"Not so, Pap, not so; I like it here in Canada," he was quick to assure me. "In my work there are ten times more opportunities down there than here, and I want to keep on working at this sort of thing."

So goes the lament of so many talented men who have gone south of the border. At that time Don was working as director of research, for Industrial Nuclearies Corp., Columbus, Ohio.

When I read that distressing news item sent to me by Dave Rigsby, my first reaction was a wish that Don had only made a 180 degree turn to go back when the weather closed in at the Oshawa airport. But after all, he was only two minutes away from his destination. I suppose he thought he could pull off a good landing, just as he had brought off so many brilliant things during his years.

About the author: Fleetwood Kingsley McKean, alias "Pappy," alias "Dick," is a one-time campus organizer, a graduate of Science '40 in mining engineering, and now district manager for Marine Services, Sarnia to Saskatchewan, for the Ministry of Transport. He lives in Parry Sound, Ont.

Budget for 1972-73 underlines a decline in real resources

"Queen's is a BIG business," commented the Kingston Whig-Standard when the budget was presented for Senate review prior to approval by the Board of Trustees. Operating expenditures on a 12-month basis increased from \$28.9 million in 1970-71 to \$31.1 million in 1971-72, giving rise to a deficit of \$491,000 in the current year. Because the University is changing its fiscal year-end from June 30 to April 30 at the request of the Ontario government, the actual deficit adjusted on a 10-month basis s reduced to \$189,000.

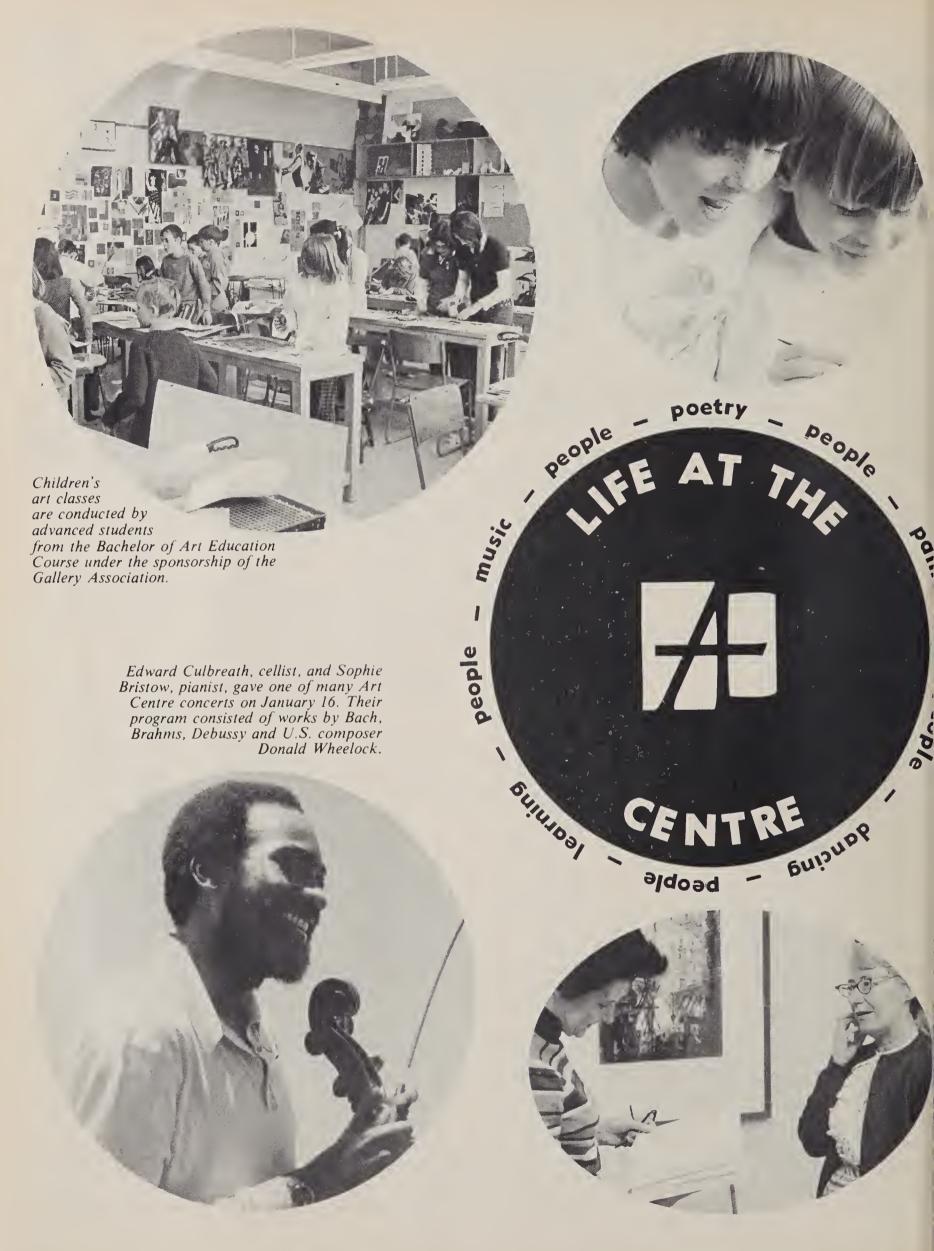
In its annual budget review, the Senate endorsed the recommendations of the Principal's Committee on Resource Allocation hat the budget be balanced in 972-73 and succeeding years.

Concern was expressed over the University's increasing and 'inexorable' dependency on government grants for operating evenues. For 1971-72, nearly 82 percent of direct operating revenues came from government. "And so ong as the trend continues," said he Budget Committee, "the autonomy of the University will become more vulnerable."

The Committee was also concerned about the upward trend in he proportion of total expenditures levoted to salaries, wages and fringe cenefits (81.8 percent), but added hat this concern had to be tempered by the realities of the abour market. Good men and comen in most categories are still ifficult to find and keep."

The Principal, Dr. John J. Deutsch, commented that Queen's vill have strained resources "for ome little while. We are suffering a lecline in real resources, so that we nust be more alert to priorities and fficiencies."

OPERATIN	G REVENU	UE		
	Budget Revenue 1970-71 (\$,000)	% of Total	Budget Revenue 1971-72 (\$,000)	% of Total
Student Academic Fees Winter Intramural Prof. & Exec. Courses Extension Department	3,803 415 603	13.2 1.4 2.1	4,080 106 696	13.3 0.4 2.3
SUBTOTAL	4,821	16.7	4,882	16.0
Endowment Income Unrestricted Restricted	138 43	0.5 0.1	167 59	0.5
SUBTOTAL	181	0.6	226	0.7
Government Grants Ontario — Operating — Special	23,094 189	80.1	24,927 201	81.2 0.7
SUBTOTAL	23,283	80.8	25,128	81.9
Gifts and Grants Sale of Services Miscellaneous	388 19 134	1.3 0.1 0.5	240 13 189	0.8 0.0 0.6
TOTAL Operating Revenue	28,826	100.0	30,678	100.0
TOTAL Operating Expeditures Surplus/(Deficit)	28,927 (101)		31,169 (491)	-
OPERATING I	EXPENDITU	URES		
•	Budget Expenditures 1970-71 (\$,000)	% of Total	Budget Expenditures 1971-72 (\$.000)	% of Total
Faculties and Schools Arts and Science School of Business Prof. & Exec. Courses Medicine Applied Science Law School of Nursing Department of Extension Other Schools	Expenditures 1970-71		Expenditures 1971-72	
Arts and Science School of Business Prof. & Exec. Courses Medicine Applied Science Law School of Nursing Department of Extension	10,159 753 320 3,338 2,657 754 146 527	35.2 2.6 1.1 11.5 9.2 2.6 0.5 1.8	Expenditures 1971-72 (\$.000) 11,193 907 107 3,634 2,792 861 193 539	35.9 2.9 0.3 11.7 9.0 2.8 0.6 1.7
Arts and Science School of Business Prof. & Exec. Courses Medicine Applied Science Law School of Nursing Department of Extension Other Schools	10,159 753 320 3,338 2,657 754 146 527 141	35.2 2.6 1.1 11.5 9.2 2.6 0.5 1.8 0.5	Expenditures 1971-72 (\$.000) 11,193 907 107 3,634 2,792 861 193 539 185	35.9 2.9 0.3 11.7 9.0 2.8 0.6 1.7 0.5
Arts and Science School of Business Prof. & Exec. Courses Medicine Applied Science Law School of Nursing Department of Extension Other Schools SUBTOTAL Central Academic Services Library Computing Centre	Expenditures 1970-71 (\$.000) 10,159 753 320 3,338 2,657 754 146 527 141 18,795	35.2 2.6 1.1 11.5 9.2 2.6 0.5 1.8 0.5 65.0	Expenditures 1971-72 (\$.000) 11,193 907 107 3,634 2,792 861 193 539 185 20,411	35.9 2.9 0.3 11.7 9.0 2.8 0.6 1.7 0.5 65.4
Arts and Science School of Business Prof. & Exec. Courses Medicine Applied Science Law School of Nursing Department of Extension Other Schools SUBTOTAL Central Academic Services Library Computing Centre Sundry Academic	10,159 753 320 3,338 2,657 754 146 527 141 18,795 2,252 1,308 1,135	35.2 2.6 1.1 11.5 9.2 2.6 0.5 1.8 0.5 65.0	Expenditures 1971-72 (\$.000) 11,193 907 107 3,634 2,792 861 193 539 185 20,411 2,401 1,267 976	35.9 2.9 0.3 11.7 9.0 2.8 0.6 1.7 0.5 65.4
Arts and Science School of Business Prof. & Exec. Courses Medicine Applied Science Law School of Nursing Department of Extension Other Schools SUBTOTAL Central Academic Services Library Computing Centre Sundry Academic SUBTOTAL TOTAL Academic Expenditures Nonacademic Expenditures Administration Physical Plant Municipal Tax Miscellaneous	Expenditures 1970-71 (\$.000) 10,159 753 320 3,338 2,657 754 146 527 141 18,795 2,252 1,308 1,135 4,695 23,490 1,776 3,035 189 437	7.9 4.5 3.9 16.3 81.3	Expenditures 1971-72 (\$.000) 11,193 907 107 3,634 2,792 861 193 539 185 20,411 2,401 1,267 976 4,644 25,055 2,042 3,413 201 458	7.7 9.0 2.8 0.6 1.7 0.5 65.4 7.7 4.1 3.1 14.9 80.3
Arts and Science School of Business Prof. & Exec. Courses Medicine Applied Science Law School of Nursing Department of Extension Other Schools SUBTOTAL Central Academic Services Library Computing Centre Sundry Academic SUBTOTAL TOTAL Academic Expenditures Nonacademic Expenditures Administration Physical Plant Municipal Tax	Expenditures 1970-71 (\$.000) 10,159 753 320 3,338 2,657 754 146 527 141 18,795 2,252 1,308 1,135 4,695 23,490 1,776 3,035 189	7.9 4.5 3.9 16.3 81.3	Expenditures 1971-72 (\$.000) 11,193 907 107 3,634 2,792 861 193 539 185 20,411 2,401 1,267 976 4,644 25,055 2,042 3,413 201	35.9 2.9 0.3 11.7 9.0 2.8 0.6 1.7 0.5 65.4 7.7 4.1 3.1 14.9 80.3





A SAMPLER OF ONE SEASON'S **HIGHLIGHTS** STARRING THE AGNES ETHERINGTON ART CENTRE AND A CAST OF HUNDREDS



Poetry readings at the Centre are sponsored by Quarry magazine and the English Department. Left, with Centre staffer Frances K. Smith is poet Elizabeth Brewster. Above, George Jonas reads from his own work, "The Happy Hungry Man''.



The St. Andrew's Society and the Art Centre teamed up for a gala opening of work entitled 12 Scottish Painters. About 300 people from Queen's and the City turned out to enjoy the art, music, dancing and buffet—all Scottish style.

Around the Campus

Tech Supplies outdated says Task Force

A Senate task force on bookstores has concluded that Tech Supplies does a good job, but isn't set up to meet present campus needs.

Technical Supplies, a store located in Clark Hall, is owned and operated by QUESSI, the Engineering Society's corporate offspring. It began in 1909 with two engineering students selling supplies in "a cranny in Fleming Hall." At present, 95 percent of all students buy their texts from Tech Supplies.

According to the investigating committee, it is an "efficient and well-run textbook store offering a narrow range of services at very good prices." It adds that "in its avowed goal of keeping prices down, the store is the best in Canada."

But the Committee found that students and faculty want a bookstore with "an expanded range of services, principally an extensive selection of supplementary academic and general interest books." They would also like the campus bookstore to sell a wider range of gifts and general merchandise—magazines, stationery, fiction—even though this would be contrary to QUESSI's agreement with the University to restrict competition with city merchants.

To give such a comprehensive bookstore enough space, the task force says "the logical site is the new University Centre." One result of expanding services and moving to larger quarters would be an increase of at least five percent to 10 percent in text prices.

The Committee's analysis and recommendations have been published and are being widely discussed by the campus community before any action is taken on the report.

AMS lends \$10,000

The Alma Mater Society has advanced \$10,000 to the University to be used for student loans and to be known as the A.M.S. Loan Fund. The loan is for a firm period of five years, after which it can be recalled by the A.M.S. following 180 days notice.

CFRC Radio reprieved for at least two years

CFRC, Queen's AM and FM radio station, has been given a two-year reprieve by the Canadian Radio-Television Commission (CRTC). CFRC's licence, along with those of radio stations at Ryerson Polytechnical Institute and the Universities of Alberta and Saskatchewan, was to have expired March 31 under a government order of 1970 which prohibited the CRTC from granting licences to provincial government agencies and certain educational institutions (because of their heavy government subsidization).

CFRC and CFRC-FM will continue broadcasting until at least March 31, 1974, pending reconsideration of the 1970 policy. CFRC, one of the oldest stations in the country, will celebrate its fiftieth year of broadcasting in the 1972-73 session.

Co-ed living comes to campus this fall

After many months of discussion, proposals and counter-proposals, Queen's will actually have a co-ed residence for the 1972-73 session. Morris Hall on Leonard Field will be renovated during the summer to accommodate 91 men and 91 women. There will be 55 first-year students and 36 upper classmen of both sexes.

They will be housed on alternate floors and will share only common rooms and lounges.

The project was given the green light by the Residences Board as the only one which met with its own approval, plus that of the Women's Residence Council and the Inter-residence Council (men).

The number of students who will live in the co-ed residence amount to 2.5 percent of undergraduates. About one-third of Queen's students live in residence, with the majority still housed off-campus in private homes or co-ops. Elrond College, the students' highrise co-op and co-ed complex on Princess St., will also be in operation for fall.

Queen'smen join study of Amazon ecosystem

During Reading Week in February, five staff members, four graduate students and three undergraduates from Queen's Biology Department joined fellow biologists from Carleton University in a field trip to the Amazon River. The centre for their field studies was the village of Leticia in Colombia.

Looks like a bumper year for campus construction

The sounds of a building boom have drowned out the robin's chirp as a first sign of spring on campus. The contract was let in January for the Arts/Social Science complex and an extension to the geology building, final approval was given for a 16-storey student apartment building on the West Campus, and approval in principle was given for a 600-space parking lot under the lower campus.

Ellis-Don Construction Co., London, Ont., was awarded a \$5.25million contract for construction of the first phase of the Arts/Social Science Complex. They began work in January and hope to finish by June 1973. Total cost of the project: approximately \$6.5 million.

The first phase will provide 176,000 gross sq. ft. in a series of interconnecting buildings and 24,000 gross sq. ft. in a separate music building between Watson Hall and the Agnes Etherington Art Centre. Connecting links will be provided from the main grouping to Sir John A. Macdonald Hall (Law), Dunning Hall (Economics and School of Business) and Richardson Hall (Administration).

Architect R.J. Thom was authorized by the Board of Trustees in the spring of 1970 to proceed with final designs. Since then, Queen's has purchased Lower Alfred St. from the city and has rerouted the utility services.

Contracts totalling \$1.6 million have been awarded for the construction of a new geology building joined to Miller Hall.
Construction began late in January, with occupancy planned for spring 1973. Ellis-Don Construction submitted the lowest acceptable tender for building construction, in the amount of \$1,248,000. Electrical subcontractor is State Electric of Foronto. Mechanical contractor is H.R. Stark of Ottawa. In addition to building costs, the University has allocated \$180,000 for scientific



LOOKING NORTH-EAST from Queen's Crescent, the phases of the Arts/Social Science Complex are shown where Lower Alfred Street used to be. Complex is linked to Dunning, Macdonald and Richardson Halls above ground and to other buildings on University Avenue below ground. At bottom right, on the site of Goodwin House, is the proposed Music Building.

equipment, \$90,000 for furnishings, and \$76,000 for professional fees.

The five-storey building will be built south of Miller Hall, facing Campus Road, and will contain 43,000 sq. ft. of offices, laboratories, seminar rooms and working areas for graduate students. Architects are Mathers and Haldenby of Toronto.

Construction of the 16-storey apartment residence on the West

Campus has been cleared for construction—again. Because of the height of the project, Kingston City Council had to amend its zoning regulations after a building permit had already been issued last fall.

The residence, which now has full approval from the Ontario
Municipal Board, will be 160 feet

continued

Around the Campus

CONSTRUCTION continued high, of pre-cast concrete, with eight apartments on each of the 16 floors.

Approval has also been given by the Senate and the Board to a concept for a \$2-million underground parking garage to be located on the Lower Campus. As passed by Senate, the motion indicated that "the grove of trees on the south side of the field be retained as nearly as possible in its present state, that the site with an improved playing field be restored at the earliest possible date in 1973 with little change in its appearance."

• The A.M.S. gave its approval to the proposal only after receiving a promise from the University that no building would be constructed over the underground garage.

The 600-car garage is considered essential to the development of the Health Sciences Complex, since the government will not release funds without guarantee of parking facilities.

Queen's Institute hosts transportation experts

Senior transportation experts from university, government and industry participated in a two-day seminar on transportation research and education, held on campus February 7 and 8. The Hon. Alastair Gillespie, Minister of State for Science and Technology, chose the seminar as the site of his first major speech.

The seminar was sponsored by the Canadian Institute of Guided Ground Transport (CIGGT) at Queen's, drew 150 Canadian and U.S. experts, and covered such topics as the research program of the CIGGT and other transportation research institutes, the desirable form and content of transportation education in the universities, and the interaction between research and education in this field.





Greg LeBlanc

Wally Palmer

New executive plans to shift AMS emphasis

The team of Greg LeBlanc and Wally Palmer easily defeated three other teams of candidates for the presidency and vice-presidency of the Alma Mater Society, 1972-73.

Mr. LeBlanc is a third-year Economics student who has been manager of the House of Commons and the House of Lords, student pubs in the Students' Union. Wally Palmer is a second-year Law student, a former president of Science '70 and Law rep on the A.M.S. Outer Council this past session. He was also Campus Activities Commissioner concerned with reunion weekend, Snowball, concerts, bands, athletics, etc.

They won on a platform calling for the A.M.S. to shift emphasis "away from strictly services and concern itself more with the broader issues of education and awareness of Queen's students." They polled more than half the votes cast—1,795 compared with 605 for their closest runners-up.

Practical communication

The Faculty of Applied Science is offering two one-week courses in practical communication this summer—the first (May 14-19) for engineers and senior administrators, and the second (May 28-June 2) for technical staff and publications personnel.

Instructors will be Professors
David Pilfold and Michael Jordan
of the Department of Engineering
Drawing. Any inquiries about the
courses should be directed to them
at Jackson Hall.

Test engineers' English

From now on, all applicants to the Faculty of Applied Science whose mother tongue is not English must pass a "test of English as a foreign language."

In the past, some otherwise qualified foreign students, or those in Canada as landed immigrants or on student visas, have failed engineering courses because they were unable to comprehend the English language. The Senate agreed with the Engineering Faculty that requirement of the test should improve the probability of success for such students.

Electron microscope a central facility

Queen's has purchased and installed a Phillips AMR 900 Scanning Electron Microscope as a central university facility. It cost about \$80,000 and was purchased with funds from the School of Graduate Studies and Research, nine departments, the Faculties of Arts and Science, Medicine and Applied Science, with support from the National Research Council of Canada.

The scanning electron microscope is considered one of the most important scientific and engineering tools to develop from modern electron optical technology. It can produce three-dimensional photographs with a magnification of up to 150,000 times. It uses an electron optical system similar to that of an electron microscope, but with images produced by direct scanning of the specimen rather than images formed by reflected radiation. A fairly rough surface, such as produced by a metal fracture or exhibited by a small biological specimen, remains entirely in focus at high magnifications. The photomicrograph obtained is similar to that of the reflection light microscope but with better resolution, greater magnification (Continued) and depth of focus.

The Queen's unit is located in Earl Hall, the Biology building, and is administered through a users' committee directed by Dr. Hugh Wynne-Edwards, head of Geological Science. Major users are the departments of Metallurgy, Geography, Geological Sciences, Biology, Pathology and Physics.

Dunning Trust Lecture by Ghanian aeronaut

Dr. R.P. Baffour, a noted Ghanian nuclear engineer, visited Queen's from February 14 through 18 and delivered the Dunning Trust Lecture on the role of education in developing nations.

Dr. Baffour, a B.Sc. graduate of the University of London, has had a distinguished career as a Ghanian civil servant, professor and vice-chancellor of Kwame Nkrumah University (now Kumasi University of Science and Technology), councillor on the Association of Commonwealth Universities, president of the Ghana Atomic Energy Commission, and a Fellow of the Royal Aeronautical Society.

During his visit on campus, he met formally and informally with faculty and students to discuss such topics as his current research on evaluation of the medical effect of traditional native cures in Ghana; the culture of the Akan people, and its present impact on society in Ghana; and the past and present problems of developing transportation in his country.

Italian Summer School

Two courses are being offered at the third annual Queen's Summer School in Venice, May 12—June 29: introductory Italian and Venetian art and archtecture. Tuition fees are paid by the Canadian government. An additional cost of about \$550 per student covers air fare, accommodation in a pensione near the Piazzo San Marco, two meals a day and day trips to nearby areas of artistic interest.



HISTORIAN Donald Swainson, who teaches 19th century Canadian history, pores over the papers of Prime Minister Mackenzie Bowell with archivist Ian Wilson, shown on right.

Bowell Papers turn up in Belleville attic

The University Archives have identified and purchased the dusty, decaying papers of Sir Mackenzie Bowell, Canada's fifth Prime Minister (1894-96). The historically valuable collection turned up in the attic of a century-old house in Belleville, Ont., the community where Bowell spent most of his life and where he died in 1917.

Archivist Ian Wilson and Prof. Donald Swainson, an expert in 19th-century Canadian history, estimate that at least half the 2,000 papers—some of them badly chewed by squirrels—are of significant historical value. Many are letters from Sir John A. Macdonald and his cabinet colleagues.

According to Professor Swainson, the papers, which concentrate on the period 1868-73, provide revealing new material about Bowell and the Conservative Party. "Nineteenth century parties," he notes, "relied heavily on patronage, and this collection provides a revealing insight into how patronage was used."

Prior to his election as Prime Minister, Mackenzie Bowell was editor of the *Belleville Intelligencer*, an M.P. for North Hastings, and a Senator. He was also an influential Orangeman, and for many years was Grand Master of the Orange Association in British North America. His international correspondence in that connection is expected to dispel much of the Order's previous secrecy for researchers.

New super deputy was on engineering faculty

Premier William Davis has named Dr. Douglas Wright to a post as Secretary with the rank of Deputy Minister in the field of social development policy. Dr. Wright had been chairman since 1967 of the Ontario government's advisory Committee on University Affairs. He taught at Queen's in the Civil Engineering Department from 1954 to 1958, prior to his appointment as first chairman of Civil Engineering at the University of Waterloo.

Since 1969 he has been chairman of the "Wright Commission," the Commission on Post-Secondary Education, on which Queen's Principal, Dr. John J. Deutsch, also serves.

Dr. James G. Parr, Dean of Applied Science, University of Windsor, has been appointed Acting Chairman of the C.U.A.

Shake-up for this fall in football league

Laurentian's withdrawal from intercollegiate football has meant a new schedule for next season, with four teams in the East section and seven in the West. Each team will play six regular league games.

The East section includes
Queen's, Toronto, Ottawa and
Carleton. Games will be played on a
home-and-home schedule. Play in
the West section will be on a
conference-type schedule, with each
team meeting each other team once.
To overcome the problem of
unequal numbers, three teams from
the West and one from the East (to
be determined by a play-off between
the two top teams) will meet in the
OUAA semi-finals.

These are some of the key dates from the fall schedule:

- September 16—Golden Gaels' first game, at Carleton
- September 23—Gaels' home opener against Ottawa
- October 21—Gaels against Toronto at Queen's (Reunion Weekend)
- November 11—Yates Cup play-off
- November 25—College Bowl

Teacher and '96 grad honoured by awards

Senate has approved two new awards—one in memory of a teacher and one commemorating a student of the past century. The A.V. Corlett Memorial Bursary was established by former students of Prof. A.V. Corlett, who for many years headed the Department of Mining Engineering. It will be awarded to students of that department who have ability and are in financial need. The Alexander Morton Robertson Awards honour an M.A. graduate of 1896 and will be awarded annually on the basis of merit and need to students in the Faculty of Education who plan to teach sciences.





Dr. J.J. Deutsch

Dr. R.L. Watts

Faculty figure in four new books

One Country or Two is the title of a recent publication of the McGill-Queen's University Press, edited by R.M. Burns, Director of the Institute of Intergovernmental Relations, with an introduction by Principal John J. Deutsch. The book is a collection of essays on aspects of Canadian federalism. Seven are by members of Queen's faculty: Professors W.R. Lederman and F.J.E. Jordan (Law), Richard Simeon and John Meisel (Political Studies), G.A. Rawlyk (History), Dean R.L. Watts (Arts and Science), and Professor Burns.

Oxford University has also published three new books by Queen's staffers. Honor Bound by Prof. John Downie, acting head of Chemical Engineering, and his wife, Mary Alice, is a children's book about a Loyalist family which , moves to the Kingston area after the American War of Independence. John A. Macdonald, The Man and the Politician is part of the Canadian Lives series and was written by Prof. Donald Swainson of the Department of History. Philip Wilson Steer 1860-1942 is a lavishly illustrated addition to the Oxford Studies in the History of Art and Architecture series. It's by Prof. Bruce Laughton of the Department of Art History.

Team tackles world's heavy water shortage

Two Queen's professors have been awarded a research grant by Atomic

Energy of Canada Ltd. to study new chemical processes for the production of heavy water.

Professors Erwin Buncel and Allan Symonds of the Chemistry

Department believe that their research offers a potential for the development of a uniquely Canadian industry. They will be assisted by Prof. John Stone, a mass spectrometry expert.

Heavy water (D2O) is a vital ingredient in Canada's nuclear power reactor development program and is already in short supply in the world.

The Queen's researchers will study chemical reactions known to be possible substitutes for the current production of deuterium, or heavy, water.

"Under Attack" filmed

In mid-February, five half-hour instalments of the nationally syndicated TV program "Under Attack" were recorded in Grant Hall.

Guests who were under attack by preselected panels of students and an audience of both students and staff members, included the following:

- Jack McClelland, head of the Toronto publishing house, McClelland and Stuart, and a founding member of the nationalistic Committee for an Independent Canada.
- Gene Lees, a music critic who believes that rock music contributes to violence and drug abuse.
- Jay Parker, national president of Friends of the F.B.I., who believes the bureau is a corner-stone of American society and has been misrepresented by the press.
- Dr. Thomas Szasz, a psychiatrist who believes that mental illness is a myth and that no-one should be hospitalized involuntarily.
- Anthony Imperiale, New Jersey State assemblyman, who opened by saying: "They call me a thug, a fascist and a racist. They also call me a hero. Now, I cannot be all those things."

Students launch new scientific service

Three students in third-year Chemical Engineering have pooled their experience to launch "Summer Scientific Surveys," a service they hope will interest Queen's alumni, particularly in the chemical industries.

If a "customer" wants to know of everything published on a certain subject—steroids, for example, or waste removal—the team will search out all titles—papers, abstracts and books—and either supply the list of titles or photocopies of actual texts, whichever is requested.

Murray Brox of Kitchener, a Ryerson graduate who has worked n industry, points out the advantages of the S.S.S. "We can save a company the lost time and potential of assigning one of its own researchers to this kind of project. Our library facilities are more extensive than industry's; we're cheaper (about \$5.00 an hour) and laster than consulting engineers; we have access to top professors for idvice; and we can buy time on the Queen's computer."

His partners in S.S.S. are Janet Duncan, Sudbury, a graduate piochemist, and Claude Chabot, Kingston, who'll be their expert in echnical writing and library ystems.

Psychiatrist explains prain drain to U.S.

In a paper delivered recently to the Ontario Psychiatric Association, Dr. William Powles of Queen's observed hat Canadian psychiatrists in the J.S. earn up to \$10,000 more a year han their counterparts who remain n Canada. Replying to a survey, nost Canadian psychiatrists vorking in Canada put their salaries n the \$20,000-\$30,000 range, while hose in the U.S. reported salaries of \$30,000-\$40,000.

"An emigre tends to work arder," says Dr. Powles, "and

therefore he comes out with more money."

Other facts his survey turned up:

- Those who go to the U.S. for postgraduate training have a four-to-five chance of staying there indefinitely.
- Canada is losing on this particular brain drain. By 1969, 550 psychiatrists in the U.S. were originally Canadians, and only five of Canada's 447 immigrant psychiatrists were from the States.
- The solution is for Canada to "beef up our programs and publicize them more than we do."

At Queen's, the Department of Psychiatry is "building up astronomically." It now has spaces for 30 postgraduate trainees a year and the range of training is extensive.

Four-fold boost to computer power

The Computing Centre has purchased a new Burroughs 6700 system to augment the present IBM 360-50, which has been the main computer at Queen's since 1967. Because of its growth potential, the Burroughs system has been bought rather than rented, as had been the policy in the past. It was installed in February and will become operational in May.

Bill Jenkins, Director of the Computing Centre, says the new system will deliver about a fourfold increase in computing power—an increase which can be compounded in future by the addition of more equipment in the same system.

The IBM 360-50 will be kept to process jobs for which the Burroughs is unsuitable and to preserve a link with IBM, whose machines and expertise dominate large sections of the computer industry.

Six Burroughs terminals will be located in various buildings around campus, able to accept any jobs for the system, including student jobs.

A committee of Centre staff, students, faculty and other users examined bids from all major

manufacturers last summer and fall and recommended the Burroughs system on the basis of its growth potential and cost-performance figures.

The purchase price has not been disclosed, but Director Jenkins points out that (a) computer manufacturers have been reducing prices because of the state of the economy; (b) educational institutions usually receive large discounts; and (c) Queen's is the first university in Canada to purchase a 6700 at a time when manufacturers are vying for toeholds in the university market. It is widely assumed that the purchase price to Queen's was much less than the list price of almost \$3 million.

Appraisal '72

The First Biennial Conference on Teaching in the Faculty of Arts and Science was held in January and was attended by 136 teachers and 38 students. The conference idea originated in the 1969 Report on Teaching and Learning and its concern for improving the quality of teaching at Queen's. Specific recommendations are being made to the Faculty relating to final examinations, reduction of time spent in committees, methods of evaluation, interdisciplinary study and ways of avoiding excessive fragmentation of student time.

STUDENT PLACEMENT

Queen's has rightfully earned a reputation for aiding her graduates. This year, as last, our new graduates face a complex and competitive job market and our undergraduates are encountering difficulty in locating summer employment.

If you can help by providing either specific information or leads, your response will be handled promptly and effectively.

Write to D.G. Wroe, Director, Career Planning and Placement, Queen's University at Kingston or phone 613-547-2992.

High in the Rockies, they sang and feasted and frugged and they did

SKI BANFF

The Queen's Alumni Ski Banff Week is over and nothing but memories remain. It was a great success and a lot of good fun for 65 Queen's alumni, alumnae, wives, husbands, sons and daughters.

The trip began slowly when everyone assembled at 10:00 p.m. at the Toronto airport only to learn that the charter flight scheduled to leave at 11:00 p.m. for Calgary would be delayed an hour. The one-hour delay turned eventually into two hours, but at 1:00 a.m. Saturday morning away went champagne flight No. 47, bearing a group of tired but enthusiastic skiers westward. A fueling stop at Winnipeg, a cold Calgary morning and a bus ride through the gray dawn hours brought the by-nowexhausted and quiet group to the Mount Royal Hotel in Banff, just in time for a hearty seven o'clock breakfast.



At the closing-night blow-out, Gail (Gibby) Gibson, Phys Ed'73, and tour leader Murray Gill, B.Sc.'47, shared a birthday cake, courtesy the Mount Royal Hotel.

For most, Saturday was a day for recuperating, although a number of hardy souls took the bus to Sunshine Village and skied under sunny skies for most of the day. Others slept during the morning and took in the World Cup races at Mount Norquay in the afternoon. Saturday evening the Banff Chamber of Commerce held a reception in the "Dungeon" of the Mount Royal Hotel, to get the week's activities off on the right foot. Sunday heralded the beginning of serious skiing and everyone, by now reasonably rested, turned out with shining faces to catch the first bus to Lake Louise or Sunshine Village or Norquay. What anticipation! What enthusiasm! What eager beavers!

The week passed far too quickly. On Monday the Lake Louise area played host to the group "après-ski." On Tuesday, Sunshine Village did the same. Hot mulled wine and other goodies loosened tongues and feet. The party at Sunshine was perhaps the most successful, with almost everyone out on the dance floor frugging and shrugging and twisting and hugging. It was a good thing no one had to ski back to the hotel! The highlight of the party was a rousing Queen's song and cheer, led by the younger members of the party, which shook the chalet to its foundation.

Wednesday evening was Barbecue Night for the Queen's gang and many took advantage of the opportunity to feast on some delicious western beef. The group was transported by bus and 12-passenger snowmobile along the banks of the Spray River, where a large circus tent had been set up.
Music was available for square
dancing, and barbecued beef, baked
potatoes, beans, etc. made a
substantial feast. Great revelry
reigned for several hours. Lou
Bruce's wife, Janet, produced her
guitar and led a sing-song. This
prompted John Toye to take over
the microphone and render a few old
Frank Sinatra tunes, which made
everyone think it was time to go
back to the hotel and to bed.

Thursday night, special buses carried skiers to the Upper Hot Springs for a swim in the outdoor pool and a steam bath.

Friday night signalled the end of the week and a closing banquet was laid on in the Mount Royal dining room. It was a wonderful group of people that assembled for the festivities.

Presentations were made to those who had distinguished themselves in



John Toye, Ottawa, stands ready for a run down the Pica Trail at Lake Louise.



Time out in the sun at the Day Lodge, Lake Louise. Left to right are Diane and Chuck Fairbairn, B.A.'67; Lou Bruce, B.A., B.P.H.E.'56; John Toye; Frank Macintyre, B.Sc.'49; Janet Bruce and one unidentified Ski-Banffer. Photos on pages 52-53 are by Frank Macintyre.

some way. Martha Lloyd, daughter of Mrs. H.H. Lloyd (Berna Sheridan, Arts '45) received a pin certifying that she had qualified for membership in the "Broken Bones Club" by breaking a leg the very first day. John Toye qualified for the "Sitzmark Club" by making a fantastic leap of 50 feet in the air and landing flat on his back in (fortunately) soft snow. It was reported that one could have skied right over John after he had landed, without knowing he was there. If

you want the whole story, ask Frank Macintyre, Sc. '49, the next time you see him. A poster was given to Janet Bruce for her guitar playing.

And so, after the last toast was made and the last Oil Thigh had died away, the group made their way to the Brewster Buses for the last time and it was off to Calgary and home.

It was a great week—no doubt about it. Great snow—great skiing—and a grand bunch of people! —Murray Gill

Letters

Wesley Hills, Massachusetts ". . . None of the family can figure out how, in reporting the death of Mary Taylor Odell in the *Review*, it was possible to miss the fact that she was the eldest daughter of a former Principal of Queen's. And after all the labors of Bruce and myself to have our class years correct, both carried the wrong years."

James H. Odell, Arts'17

Editor's note:

After a long illness, Mrs. James H. Odell (Mary Taylor), died on October 31, 1970, at the age of 73. She was a native of Scotland and eldest daughter of the late Rev. R. Bruce Taylor, Principal of Queen's from 1917 to 1930. She was

awarded an Honours B.A. from Queen's in 1920 and was one of the first women to graduate in law from Osgoode Hall. Mrs. Odell was very active in civic affairs in Wellesley Hills, the family home since 1930, and all her life she remained interested in young scholars, drama and the Red Cross.

Among her survivors who are Queen's graduates are her husband, James H. Odell, Arts '17; one of her two sons, R. Bruce Taylor, Arts '50, of McLean, Va.; a brother, R.F. Bruce Taylor, B.Com. '24, Vancouver; and two of her three sisters, Mrs. Thomas J. Wheeler (Lois), Arts '25, North Toronto, and Mrs. A. Gordon Anderson (Margaret), Arts '26, Knowlton, Que.

Meeting Dates for Your Spring Calendar

Saturday, May 13
Alumnae Association—Annual
Meeting and Residence Weekend

Chown Hall

Friday-Saturday, May 12-13 Board of Trustees

Richardson Hall

Friday, May 26

Board of Directors, Alumni Association

Dunning Hall

Friday, June 2

University Council, Annual Meeting Duncan McArthur Hall, West Campus

CONVOCATIONS

The number of convocations has been reduced this spring from eight to five. All will be held in the Jock Harty Arena.

Friday, May 26

(p.m.) — Faculty of Education and Theological College *Honorary Graduands:* Rev. J.A. Davidson, D.D., W. Allen Fisher, LL.D.

Saturday, May 27

(a.m.) — Faculty of Applied Science, School of Business *Honorary Graduand:* Ronald D. Lord, LL.D.

(p.m.) — School of Graduate
Studies, Faculty of Law, Faculty of
Medicine, School of Nursing and
School of Rehabilitation Therapy
Honorary graduands: T.C.
(Tommy) Douglas, LL.D., John
Wendell Macleod, LL.D., W.G.C.
Howland, Q.C., LL.D.

Saturday, June 3

(a.m.) — Faculty of Arts and Science

Honorary graduand: Peter Charles Swann, LL.D.

(p.m.) — Faculty of Arts and Science, School of Physical and Health Education *Honorary graduand:* Prof. A.R.M. Lower, LL.D.

At the Branches

JOHN ORR AWARD MADE TO H.J. HAMILTON

Director of Alumni Affairs, H.J. Hamilton, was presented with the John Orr Award at a dinner-dance held by the Toronto branch at the Inn on the Park on February 9.

Established as the Toronto Award in 1954, it was renamed in 1966 in honour of the late Dr. John Orr, long-time member of staff at Queen's, and is given in recognition of service to the University. The president of the branch and chairman of the meeting, Brockwell P. Mordy, announced that it was planned to name a section of the proposed University Centre in honour of Mr. Hamilton.

Eric Jorgensen, past president of the Toronto branch and second vice-president of the Alumni Association, presented Mr. Hamilton for the Award. A corsage was given to Mrs. Hamilton by Mrs. D.J. Collins, president of the Toronto Alumnae.

Dr. John J. Deutsch, Principal of Queen's, spoke of recent developments at Queen's and of plans for the future. He said the Queen's Capital Program was making steady progress and predicted that with the help of the alumni as contributors and workers it would achieve its objective.

Special guests included the three children of Mr. and Mrs. Hamilton: Mrs. George Falkenberg, Mattawa; Mrs. L.J. Hudon, Stoney Creek; Mr. and Mrs. Ted Hamilton, Toronto. Also present from out of town were H.I. Marshall, past president of the Alumni

Association, and Mrs. Marshall, Ottawa; Wally Berry, president of the Kingston branch, and Mrs. Berry; J.F. Williams, past president of the Kingston branch, and Mrs. Williams; R.H. Bissell, past president of the Montreal branch, and Mrs. Bissell, Hamilton; J.M. Courtright, Vice-Principal of Queen's, and Mrs. Courtright; Rev. Dr. A.M. Laverty, University Chaplain.

SPRING LUCHEON, TORONTO

The annual spring luncheon of the Queen's alumnae, Toronto branch, will be held at 12.00 noon, Saturday, May 6, at the new Regency Hyatt House. The speaker will be Margaret Scrivener, M.P.P. Phone Mrs. Lynne Gaetz for further details and tickets at 444-5717.

BRANCH ACTIVITIES

Queen's alumnae and their families in the Toronto area enjoyed meeting students at a Skating Party held December 29 at the North York Memorial Arena. The weather was perfect, the turnout good, and everyone enjoyed the outing. . . . One hundred and sixty alumni, members of staff, and their friends turned out for the Kingston cheese and wine-tasting party at the Agnes Etherington Art Centre on February 11. On display were Venetian prints of the 18th Century, African Makonde carvings, and 32 paintings by 12 contemporary Scottish painters. . . The Toronto branch held an annual symposium at the Ontario Science Centre on January

Community." A panel of students, faculty, and staff discussed the students' role in community affairs and answered questions raised by members of the audience. . . . Robert F. Shaw, deputy minister of the Department of Environment, was the speaker at the annual dinner dance of the Ottawa branch held at the Rideau Club on January 21. . . The New York Society has joined a new organization called the Universities of Canada Club, with headquarters in New York City. Plans call for a cocktail party to launch proceedings. . . . The Winnipeg branch held a Christmas get-together at the home of Mr. and Mrs. Ian McLandress on December 19. ... The Hamilton alumnae have held a series of meetings: a pot luck dinner at the home of Mrs. Beth Shemilt on October 4, followed by a demonstration of rug hooking; November 8 at the home of Mrs. Libby Loucks-members contributed items for auction, making a profit of more than \$65; annual sherry party December 3 at the home of Dr. and Mrs. A.H. MacMillan in Ancaster, to which alumni and friends were invited; alumni were also included in the January 20 meeting at which Vice-Principal J.M. Courtright spoke on recent developments on the Queen's campus, and Murray Gill showed a series of Queen's slides; Mrs. Lee Ryan spoke about the Big Sister Association at Mrs. Jane Blums' home on March 6: a general meeting, spring pot luck dinner, and a book auction are planned for April.

27 entitled "The Student in the

Names in the News

Births

Anderson—To Charles J.F. Anderson and Mrs. Anderson (Jennifer Elizabeth Charles Walker), B.Sc. (Arts) '66, M.Sc. (Arts) '68, Halifax, N.S., February 23, a son (Philip Charles).

Armstrong—To Ernest H. Armstrong, Arts & P.H.E., '65, and Mrs. Armstrong, Toronto, Ont., June 14, 1971, a daughter (Heather Nicole), sister for Richard.

Balfe—To Dr. J.W. Balfe, Med. '62, and Mrs. Balfe (Judith A. Reid), Arts '63 (M.S.W., Ottawa), Toronto, Ont., June 29, 1971, a daughter (Leah Kathryn), sister for Danielle and Johnny.

Bowdish—To Michael J. Bowdish and Mrs. Bowdish (Ronalee Brooks), Arts '65, Roseville, California, July 12, 1971, a daughter Heather). Mr. and Mrs. Bowdish may be reached c/o P.O. Box 1199, Tahoe City, California 95730.

Burgess—To David F. Burgess, Arts '65, and Mrs. Burgess (Linda E. Hoare), Arts '66, London, Ont., December 29, 1971, a daughter, sister for Jennifer.

Burwell—To Willis B. Burwell, Sc. '63 (M.Sc., U.B.C.), and Mrs. Burwell (Margaret Gallaher), Arts '66, Ft. Huachuca, Arizona, a daughter (Susan Elizabeth), sister for Lianne, granddaughter for Logan Gallaher, Sc. '31. Major and Mrs. Burwell reside at 102 Crandal St., Ft. Huachuca, Arizona 85613.

Canning—To James J. Canning, Sc. '58, and Mrs. Canning, November 5, 1971, a son (Steven James), brother for Anne, Michelle and Nicole. The Cannings reside at 3421 Chester Rd., Royal Oak, Michigan 48073.

Carter—To Donald D. Carter, Arts '64, Law '66, and Mrs. Carter (Catherine Best), Arts '65, Kingston, Ont., October 20, 1971, a son (Ian Michael). Mr. and Mrs. Carter reside at 218 Bicknell Cres., Kingston, Ont.

Clark—To Dr. Richard L. Clark and Mrs. Clark (Susan Weber), Arts '61, P.H.E. '62, Peterborough, Ont., December 9, 1971, a daughter (Heather Susan), a sister for Jamie, Carolyn and Ian.

Clarke—To Dr. Robert E. Clarke (M.D., U.B.C.), and Mrs. Clarke (Carol Freeman), N.Sc. '67, Fort St. John, B.C., November 23, 1971, a daughter (Andrea Lynne), sister for Christy.

Collins—To Donald J. Collins, Arts '48 (M.Com., Toronto), and Mrs. Collins (Mary Wilkins), Arts '62, July 21, 1971, a son (Robert Joseph), brother for David. Mr. and Mrs. Collins reside at 55 Humberview Rd., Toronto, Ont.

Corneil—To Dr. Derek G. Corneil, B.Sc. (Arts) '64 (M.A., Ph.D., Toronto), and Mrs. Corneil, Toronto, Ont., December 15, 1971, a son (Brian Donald), brother for Glenn.

Deir—To Bill Deir and Mrs. Deir (Jane Wing), Arts '67, Gananoque, Ont., January 29, a son (Geoffrey William). Grandson for John Wing, Sc. '36.

Denison—To Bill Denison and Mrs. Denison (Dianne Cooke), Arts & P.H.E. '64, Belleville, Ont., November 28, 1971, a son (Peter Paul), brother for Christy.

Evans—To David M. Evans, Arts '67, and Mrs. Evans (Judith Ann Simpson), Arts '67 (B.L.S., Toronto), Burlington, Ont., January 16, a daughter (Alison Carey).

Galt—To William Gordon Galt, Com. '68, and Mrs. Galt, Mississauga, Ont., January 19, a daughter (Deborah Lisa).

Hamacher—To Dr. V. Carl Hamacher, M.Sc. '65 (B.A.Sc., Waterloo, Ph.D. Syracuse), and Mrs. Hamacher (Elizabeth Orgill), B.Sc. (Arts) '65, Toronto, Ont., June 13, 1971, a daughter (Janis Aileen). Dr. and Mrs. Hamacher reside at 5 Kingslea Court, Toronto 18, Ont.

Horton—To John A. Horton, Arts '63, M.A. '71, and Mrs. Horton (Carolyn Ann McLenaghan), Arts '64, Toronto, Ont., January 19, a son (Kevin William), brother for Sean.

Jerome—To John D. Jerome, Arts '59 (M.A., Ottawa), and Mrs. Jerome, Ottawa, Ont., January 11, a son (Patrick Dillon). Mr. and Mrs. Jerome reside at 38 Lacroix Ave., Orleans, Ont.

Kuck—To Robert H. Kuck II (P.H.E., Ohio Wesleyan), and Mrs. Kuck (Linda C. Meiklejohn), Arts '67, Lima, Ohio, October 14, 1971, a daughter (Katie Meiklejohn), sister for Robby. Mr. and Mrs. Kuck reside at Route #1, Botkins Rd., New Knoxville, Ohio 45871.

Larson—To K. Edwin Larson, Arts '67, and Mrs. Larson (Helen G. Paterson), Arts '69,

Parry Sound, Ont., September 17, 1971, a son (Gregory Robert Karl). Mr. and Mrs. Larson reside at R.R.#1, Parry Sound, Ont.

Leech—To Major John G. Leech (R.M.C.), and Mrs. Leech (Anne Fletcher), B.Sc. (Arts) '64, Kingston, Ont., November 6, 1971, a daughter (Susan Marg), sister for David. Major and Mrs. Leech reside at 2B Ortona Point, Fort Henry Heights, Kingston, Ont.

Leonard—To Dr. Brian C. Leonard, Arts '67 (M.D., Ottawa), and Mrs. Leonard (Patricia Dauphin), Arts '66, Ottawa, Ont., January 6, a daughter (Elizabeth Mary), sister for Cynthia.

Leonard—To Paul W. Leonard, Com. '62, and Mrs. Leonard (Mary Laing), Arts '62, Agincourt, Ont., January 26, a daughter (Karen Judith), sister for Michael and Suzanne.

McKay—To Nelson A. "Sandy" McKay, Arts '59, Law '61, and Mrs. McKay (Tanya Goddard), Arts '59, Niagara Falls, Ont., June 6, 1971, a daughter (Laura Elizabeth), sister for Colin.

MacKenzie—To Brian B. MacKenzie and Mrs. MacKenzie (Louise Shanks), Arts '65, Belleville, Ont., June 26, 1971, a son (Brock James).

McShane—To Dr. Wayne T. McShane, Med. '67, and Mrs. McShane, Brampton, Ont., February 10, a daughter (Heather Louise), sister for Julie.

Marr—To R. Flynn Marr, Sc. '66 (LL.B., Ottawa), and Mrs. Marr, Port Moody, B.C., on January 11, a son (David), brother for Sean, Gordon, Flynn, and Kathleen.

Martel—To G. David Martel, Sc. '70, and Mrs. Martel, Kingston, Ont., November 12, 1971, a son (Robin Christopher), grandson for Mrs. C.J. Martel (Ruth Goodfellow), Arts '29.

Mitchell—To Wayne C. Mitchell and Mrs. Mitchell (Heather McPhail), N.Sc. '69, Sudbury, Ont., October 25, 1971, a son (Sean Cameron).

Murphey—To Monroe Murphey (Western), and Mrs. Murphey (Helen Franks), Arts '53, Owen Sound, Ont., January 7, 1971, a son (William Monroe), brother for Kathryn and Robert Bruce.

Norkum—To C. Douglas Norkum, Arts '65, and Mrs. Norkum, Kingston, Ont., January 19, a daughter (Lorri Anne), sister for Michael.

Ostiguy—To Raymond J. Ostiguy, Law '66 (B.A., Carleton), and Mrs. Ostiguy, Windsor, Ont., January 8, a son (Jean-Paul), brother for Lisa and Michelle.

Perry—To Dr. Robert J. Perry, Arts '62, Med. '64, and Mrs. Perry, Kingston, Ont., December 19, 1971, a son (Christopher David).

Pysklywec—To Donald W. Pysklywec, Sc. '61 (M.Sc., U.N.B.), and Mrs. Pysklywec, Belleville, Ont., November 13, 1971, a son (Steven Harold), brother for Andrea, Russell and Michael. Mr. and Mrs. Pysklywec reside at 38 Plaza Square, Belleville, Ont.

Rapin—To Peter A. Rapin, Sc. '70, and Mrs. Rapin (Auriol S. Dunbar), Arts '69, Ed. '70, Thompson, Manitoba, February 7, a daughter (Susan).

Rasmussen—To Laird Rasmussen, Law '64, and Mrs. Rasmussen, Ottawa, Ont., February 23, a daughter, sister for Judson.

Reynolds—To T. Barry Reynolds, Arts '70, and Mrs. Reynolds (Sandra J. Pattinson), Com. '64, Toronto, Ont., January 18, a daughter (Kerry Lynn).

Robbins—To William M. Robbins, Sc. '63, M.B.A. '68 (B.A., Sir George Williams), and Mrs. Robbins, Toronto, Ont., December 8, 1971, a son (Edward William). Mr. and Mrs. Robbins reside at 98 Valecrest Drive, Islington 675, Ont.

Roper—To Michael C. Roper and Mrs. Roper (Janet Roberts), Arts & P.H.E. '56, Ottawa, Ont., December 14, 1971, a daughter (Margaret Anne), sister for Victoria.

Ruhland—To Klaus C. Ruhland, Sc. '64 (M.Sc., Waterloo), and Mrs. Ruhland (Janet Herron), Arts '62, Scarborough, Ont., November 30, 1971, a son (Alan Edward), brother for Michael and Kathryn.

Shanks—To Dr. Gavin L. Shanks, Med. '66, and Mrs. Shanks, Willowdale, Ont., January 6, a daughter (Sarah Elizabeth), sister for Allan

Shelton—To Dr. Bertram Shelton, M.Sc. '61 (A.R.I.C., Birmingham, Ph.D., Sydney), and Mrs. Shelton, London, Ont., September 6, 1971, a son (John Bertram), brother for Jennifer Holly. Dr. Shelton is presently the research director of Labatt Breweries of Canada Ltd., and resides at 12 Westmorland Drive, London 63, Ont.

Steen—To Garrison E. Steen, Arts '66, and Mrs. Steen (Mary Ann Cowles), Arts '66, Kingston, Ont., February 8, a daughter (Mary Ann Jennifer).

Underwood To Clive R. Underwood, M.B.A. '71 (B.Sc., London), and Mrs. Underwood, London, England, November 25, 1971, a son (Jason), brother for Wendy and Stephen. Mr. and Mrs. Underwood reside at 24 Dale Avenue, Gustard Wood, Wheathampstead, Herts., England.

Whillans.—To Robert A. Whillans, Law '68 (B.A., Carleton), and Mrs. Whillans (Janet Rayner), Arts '68, Ottawa, Ont., December 25, 1971, a daughter (Heather Elizabeth).

Wood—To John R. Wood, Sc. '70, and Mrs. Wood, Boucherville, Que., December 26,

1971, a daughter (Kathryn Laura Beatrice), sister for Susan and David. Mr. and Mrs. Wood reside at 135 de Noyon, Boucherville, Que.

Marriages

Abbott—On August 28, 1971, in Port Hope, Ont., Mary Ruth Abbott, Arts '71, daughter of Ross H. Abbott, Sc. '43, and Mrs. Abbott (Marian Mayhew), Arts '42, to Helmut Walter Mark (Med. '74, Toronto). The maid of honour was Dale Lamont, Arts '71. Mr. and Mrs. Mark are residing at 161 St. George St., Apt. 101, Toronto 181, Ont.

Adams-Emmett—At St. George's United Church, Toronto, Ont., on April 10, 1971, Orythia Jane Emmett, Arts '69, Ed. '69, to Daniel Franklin Adams, Arts '69, Ed. '69. Mr. and Mrs. Adams are both teaching in Ottawa and reside at 1460 Heatherington Rd., Ottawa, Ont.

Apps—On January 22, in Kingston, Ont., Janet Virginia Dryden Apps, Arts '71, to Dr. Brian William Grace. Included in the wedding party were Jill Ansley, Com. '72, Linda Harvey, Arts '71, and Gretchen Gurney, Arts '71. Dr. and Mrs. Grace will reside for a short time in Lahr, Germany.

Ault—On November 19, 1971, in Ottawa, Ont., M. Carolyn Ault, Arts '65, daughter of George A. Ault, Arts '35, Q.C., to Edward R.P. Terry. Mr. and Mrs. Terry reside at 269 McLeod St., Apt. 2, Ottawa, Ont.

Ault-Derrick—On June 25, 1971, at St. Andrew's Church, Ottawa, Ont., Barbara Ruth Derrick, Arts '70, to F. Arthur W. Ault, Law '73, son of George A. Ault, Arts '35, Q.C. Mr. and Mrs. Ault reside at 322 Brock St., Apt. 1106, Kingston, Ont.

Beckett—On December 20, 1971, Nancy Elizabeth Beckett, Arts '66, to Marc Duez. Mr. and Mrs. Duez are residing at 46 Geneva Avenue, Toronto 246, Ont.

Bherer—On December 18, 1971, in Kingston, Ont., Elizabeth Ann Atack to Peter William Bherer, Arts '68, P.H.E. '70, Ed. '71. Mr. and Mrs. Bherer are residing at 166 Ann St., Apt. 106, Belleville, Ont.

Brebner—On December 18, 1971, in Toronto, Ont., Mary Robinson to Dann Antony Brebner, Arts '67. Mr. and Mrs. Brebner are residing in Toronto where Mr. Brebner is an investment broker with J.B. White and Company Ltd.

Crawford-Hawkins—On June 5, 1971, Mississauga, Ont., Judy Lynne Hawkins, Arts '71, to Paul Malcolm Crawford, Sc. '71. Included in the wedding party were Ruth Carter, Arts '72, and Ronald Pesowsky, Arts '70. Mr. and Mrs. Crawford are residing at 1777 Main Street West, Apt. 6, Hamilton, Ont.

Cutt—In Calgary, Alta., October 30, 1971, Sandra Barbara Cameron to Brian John Cutt, Sc. '69. Mr. and Mrs. Cutt reside at 316 First Ave. N.E., Apt. 506, Calgary 61, Alta.

Deir-Mumford—At Christ Church, Gananoque, Ont., June 12, 1971, Madeleine Lynn Mumford, Arts '73, daughter of C.W. (Bill) Mumford, Arts '43, to Paul Edward Deir, Arts '71. Mr. and Mrs. Deir reside at #6 Manida Apts., 309 Westdale Ave., Kingston, Ont.

Ferguson—At St. George's Cathedral, Kingston, Ont., August 7, 1971, Leslie Isabel Ferguson, Arts '69, daughter of Mrs. Malcolm S.M. Ferguson (Katherine Inkster), Arts '39, to Terence S. McCoy, (R.M.C.). Christine Graham, Arts '70, was a bridesmaid. Captain and Mrs. McCoy are residing at 45 Poplar St., Deep River, Ont. Mrs. McCoy is teaching at T.W. Morrison Public School.

Fetterly-Skillings—At, Morgan Memorial Chapel, Queen's University, on December 31, 1971, Jamey Reta Skillings, B.Sc. (Arts) '70, to Alexander Charles Fetterly, Arts '69, Med. '73. Mr. and Mrs. Fetterly reside at 551 Victoria St., Apt. 5, Kingston, Ont.

Kuwahara—In Calgary, Alta., on September 6, 1971, Liliane Wu (B.Sc., U.B.C.), to Dr. Ronald H. Kuwahara, Sc. '67 (Ph.D., U.B.C.). Mr. and Mrs. Kuwahara reside at 2861 Craigowan Rd., Apt. 21, Victoria, B.C. Mr. Kuwahara is in the field of marine physics with the Defence Research Board—Pacific, Victoria, B.C.

Lever—On May 29, 1971, in Smiths Falls, Ont., Janice Lynne Lever, Arts '69, daughter of M.W. Lever, Arts '37, to Terrance W. Hill. Included in the wedding party were Susan O'Brien, Arts '68 and Heather Kennedy, Arts '68. Mr. and Mrs. Hill are residing at 23 Lascelles Blvd., Apt. 1202, Toronto 195, Ont.

Maclean-Sneddon—In Ottawa, Ont., on December 28, 1971, Lynn Dianne Sneddon, Arts '69, to Donald Hugh Maclean, Arts '67, Theology '72 (M.A., McMaster). Mr. and Mrs. Maclean reside at 148 Pine Street, Apt. 5, Kingston, Ont.

Matthews-Firman—On September 18, 1971, in Richmond Hill, Ont., Ann Firman, Arts '69, to J. Haydn Matthews, Sc. '70. Best man was David Field, Sc. '70. Mr. and Mrs. Matthews reside at 123 Victoria Ave., Apt. 6, Chatham, Ont.

Smith—In Ridgeway, Ont., December 30, 1971, Patricia Elizabeth Leigh Smith, Arts '68, to Johan De Villiers. Included in the wedding party were Lynn Mahon, Arts '68, and Mrs. W.D. Wilkins (Sharron Skidmore), Arts '68. Mr. and Mrs. De Villiers reside at 401 Tower Hill, 601 Pretorius St., Arcadia, Pretoria, South Africa.

Smith-Griffin—On January 8, in Dorval, Que., Lorna Mary Griffin, Arts '69, to Roger William Smith, Sc. '71. Mr. and Mrs. Smith are residing at 243 Earl St., Apt. 2, Kingston, Ont

White—On December 28, 1971, in Deer Park United Church, Toronto, Ont., Nancy Evelyn

White, N.Sc. '70, to David Ian Johnston. Mr. and Mrs. Johnston reside at 3220 Ridgewood Drive, PH2, Montreal 247, Que.

Wright—In Victoria, B.C., on October 23, 1971, Antonia J. Wright, Arts '69, to Timothy James Douglas. Mr. and Mrs. Douglas may be reached c/o P.O. Box 822, 100 Mile House, B.C.

Wright—In Napanee, Ont., January 22, R. Ann Wright, Arts '70, to David R. Hayes. Mr. and Mrs. Hayes reside at 1180 Drummond St., Apt. 12, Montreal 107, Que.

Young—In Ottawa, Ont., July 10, 1971, Sandra Vere Young, Arts '70, Ed. '71, to Robert Allan Strum Davis (B.A., Laurentian). Mr. and Mrs. Davis are residing at Ridley College, St. Catharines, Ont.

Deaths

Mrs. W.E. Affleck (Rheta Georgia Gray), B.A. '22, St. Catharines, Ont., November 9, 1971.

Rev. Walter Corrie Almack, B.A. '26, Maple, Ont., retired United Church minister, December 15, 1971.

James Bartlett, Sc. '07, Islington, Ont., February 15. Mrs. William F. Davey (Marion Bartlett), Arts '35, is a daughter.

Dr. Vanarsdale Blakslee, M.B. '13, M.D. '17, Belleville, Ont., medical practitioner for more than half a century, December 26, 1971.

Martin George Bowden, B.A. '71, Ottawa, Ont., as the result of an automobile accident, December 16, 1971.

Dr. Herbert McGregor Bowen, M.D. '07, Ottawa, Ont., February 4. Dr. Bowen was the son of the late Dr. George H. Bowen, Med. '77.

James Evans Box, Arts '23, Appleton, Ont., February 6. Dr. J. Howard Box, Med. '20, is a brother.

Dr. Donald MacNevin Carmichael, M.D., C.M. '26, Pearl River, N.Y., Director of After-Care Clinics for Metropolitan New York, the New York Department of Mental Hygiene, December 1, 1971. Dr. Hugh T. Carmichael, Arts '20, Med. '23, is a brother.

Evelyn Marguerite Cridland, B.A. '44, Delhi, Ont., English teacher and head librarian at the Delhi Secondary High School, January 17.

Julian Gifford Cross, B.Sc. '13, prospector, at Thunder Bay, Ont., December 29, 1971. It was his claims that made possible the Steep Rock Iron Range development.

Allan Gordon Cumming, M.A. '14, Doylesown, Penn., January 21, awarded a Rhodes Scholarship in 1914. Miss Mary E. Cumning, B.A. '19, is a sister. A brother Lorne R. Cumming, M.A. '16, LL.D. '62, predeceased him.



Late Dr. C.H. McCuaig was a distinguished psychiatrist

Dr. Charles Homer McCuaig, M.D., C.M. '21, who died at his home in Kingston, Ont., on September 13, 1971, had a long and distinguished career as a psychiatrist.

A native of Bainsville, Glengarry County, Ont., he graduated from Queen's with his M.D., C.M. degrees in 1921. He spent four years in general practice in Stittsville, and in 1927 went to Rockwood Hospital in Kingston. In 1933, Dr. McCuaig moved to Toronto Psychiatric Hospital, followed by studies in Maudsley Hospital in London, England, and Bellevue Hospital in New York.

In 1939 he returned to Queen's as head of the Department of Psychiatry, a post he held for 20 years. During this period he was also clinical director and then superintendent of Kingston Psychiatric Hospital, and consulting psychiatrist at Kingston General Hospital. He was president of the Alumni Association of Queen's University, 1953-54.

Among the survivors are his wife, formerly Margaret Stewart, Arts '2I, a son Donald, Arts '49, a daughter Mrs. J.A. Milliken (Peggy), Arts '48, two brothers, Dr. Stanley, Arts '13, LL.D. '49, and Dr. Victor, Med. '18, and a sister, Mrs. A.D. Matheson (Gertrude McCuaig), Arts '15.

Jeanne D'Aoust, B.A. '35, Ottawa, Ont., December 23, 1971.

Muriel Frances Driver, B.A. '71 (Dip. O.T., Toronto), assistant professor and head of the program in Occupational Therapy, Queen's University, January 23.

Lt. Col. William Henry Ellis, B.Sc. '39, Kingston, Ont., January 12. Survivors include his wife, the former J. Evelyn Brown, Com. '40, two sons, Gordon Ellis, Arts & P.H.E. '71, and David W.H. Ellis, B.Sc. (Arts) '68, M.Sc. (Arts) '69.

Joseph Patrick Frado, B.A. '34, Thorold, Ont., November 10, 1971.

Robert Dunbar Guy, Arts '04, M.A. '05 (gold medallist in mineralogy), Q.C., died in Winnipeg, December 25, 1971, in his 93rd year. A native of Camden East, Ont., he had lived in Winnipeg since 1906. He was called to the Bar of Manitoba in 1909, was named K.C. in 1925, and was a partner in the law firm Guy, Chappel, DuVal and McCrea. Among the distinguished Canadians who clerked in his law office are Norman MacMillan, president

of C.P.R., and Ian Sinclair, president of C.N.R. Mr. Guy was a former president of the Winnipeg Branch of the Queen's Alumni, the Manitoba Bar, the Law Society of Manitoba and the Blackstone Club. He is survived by his wife, two daughters, two sons, one of whom is Justice R.D. Guy of Winnipeg, and 15 grandchildren. Honorary pallbearers included Reesor Bingeman, Arts '39, and Justice Samuel Freedman, LL.D. '69.

Rev. A.W. Harding, Theology '34, Bowman-ville, Ont., January 22.

Kenneth Lyle Harnden, B.A. '64, Belleville, Ont., January 7.

Dr. Edgar Harold Hinman, Arts '27, died on Christmas day in Baltimore, Maryland, at the age of 67. He was a native of Wicklow, Ont., and a naturalized American. At time of death, he was Commissioner of Health, Wyoming County Health Department, Warsaw, N.Y., a member of the Expert Advisory Panel on Malaria for the World Health Organization, and an internationally recognized expert on both tropical disease, particularly malaria, and public health. Dr. Hinman held degrees from Cornell (M.S., Ph.D.), Louisiana State (M.B., M.D.), and Johns Hopkins (M.P.H.) and he taught at Cornell, Tulane, Louisiana, Oklahoma, Puerto Rico and Jefferson Medical College in Philadelphia. He is survived by his wife and two sons. A Harold Hinman Memorial Fund has been established at Jefferson Medical College, and donations may be sent to 1025 Walnut St., Philadelphia, Penn. 19107.

William S. Hosking, B.Sc. '31, Bathurst, N.B., Steam Plant Engineer, Bathurst Power & Paper Company, December 25, 1971.

Alexandria Howson, B.A. '09, Peterborough, Ont., December 26, 1971, high school teacher in Gananoque, Niagara Falls, and Peterborough. Retiring in 1949 she volunteered to teach in the Anglican Mission Schools at Moose Factory, Ont., and on the west coast of British Columbia. Miss Howson was predeceased by a brother, Dr. Arthur George Howson, M.B. '15, M.D., C.M. '23.

Mrs. Mary Quayle Innis, LL.D. '58, Toronto, Ont., former dean of women at University College and author of many books, January 10

Beatrice Grace Lauder, B.A. '09, M.A. '11, Goderich, Ont., retired school teacher, December 25, 1971.

W. Sandford McDonald, Arts '34, Gananoque, Ont., January 20.

Kenneth Roy MacGregor, B.Sc. '25, Renfrew, Ont., October 7, 1971.

William McGregor, B.A. '23, St. Laurent, Que., former senior underwriter, Sun Life Assurance Company, February 2, 1971.

Hugh Murray McIroy, B.Sc. '28, M.Sc. '30, Vancouver, B.C., retired as professor of mechanical engineering in 1970 after 33 years at the University of British Columbia, January 9, 1972. Mr. McIlroy was known for his work in thermodynamics and power production design. He was also commander of



Woman graduate of Arts '98 was second on seniority list

Mrs. William Dale (Florence Frederika Ryckman), B.A. '98, St. Mary's, Ont., died at London, Ont., in August 1971, at the age of 95. She had been second on the seniority list of living Queen's graduates.

A native of Dundas, Ont., she was the daughter of the Rev. and Mrs. E.B. Ryckman. In 1901 she married Prof. William Dale, who taught Classics at Queen's University for several years. For ten years they farmed in Blanshard Township in the County of Perth before moving into the town of St. Mary's.

A member of the St. Mary's United Church, Mrs. Dale was active in the Women's Missionary Society and the Women's Christian Temperance Union, in both of which she held offices provincially as well as locally. She was a charter member of the Queen Alexandra Women's Institute and a former member of the St. Mary's Hospital Auxiliary. She was part of the first group in the area to become interested in the problems of the mentally retarded, an interest she retained throughout her life.

She was predeceased by her husband in 1921. Four children, two grandchildren, and two great-grandchildren survive.

UBC's naval training division from 1943 to 1947, with the rank of lieutenant-commander.

Dr. Walter Wallace McLaren, M.A. '99, B.D. '02, LL.D. '48 (Ph.D., LL.D., Harvard), Tenafly, N.J., September 30, 1970. At the time of his death Dr. McLaren was fourth on the seniority list of Queen's graduates.

Charles John (Jack) Metcalfe, B.A. '34, Amherstburg, Ont., head of the Guidance Department, General Amherst High School, January 1.

Rev. James A. Mills, Theol. '60, Uxbridge, Ont., had served in Schefferville, Que., Toronto and Uxbridge, August 17, 1971.

Clifford William Morgan, B.Sc. '28, Burlington, Ont., engineering consultant with the Toronto Harbour Commission, December 16, 1971. Mr. Morgan was one of the founding members and past presidents of the Canadian

Port and Harbour Association and the International Association of Great Lakes Ports.

John David Murray, B.Sc. '25, Toronto, Ont., February 10. The survivors include his wife, formerly Sarah D. Burns, Arts '24, and sons David B. Murray, Sc. '55, George B. Murray, Arts '57, and John P. Murray, Sc. '57.

Riku Nakagome, M.Sc. '69 (B.Sc., M.Sc., Tokyo), Kingston Ont., December 11, 1971, following a car accident. Mr. Nakagome was in a Ph.D. program at Queen's.

Mrs. T.J. Norman (Mary Nash), B.A. 13, Vancouver, B.C., July 17, 1971. Mrs. Norman was predeceased by a sister, Miss Ruby C. Nash, Arts '12.

Gordon Everett Pilkey, B.Sc. '33, Burlington, Ont., president of Burlington Investments Limited, February 7. Myrna Lack, Arts '73, is a niece.

Rev. Dr. Douglas Cowan Ramsey, B.A. '06, M.A. '07, Edmonton, Alta., January 13. He served in the ministry for 44 years, retiring from active service in 1953.

Jessie C. Richmond, B.A. '26, Orillia, Ont., retired high school teacher, January 20.

Dr. Arthur Osmond Rogers, B.A. '29, M.A. '31 (Ph.D., Purdue), Lewiston, N.Y., October 12, 1971.

Travers D.K. Rooney, B.Sc. '26, Montreal, Que., president, T.D.K. Rooney (Quebec) Ltd., December 5, 1971.

Dr. Norman A. MacRae was Canada's expert on tobacco

Dr. Norman Alexander MacRae, B.A. '28 (M.Sc., Macdonald College, Ph.D., Calif.), who died in Ottawa, Ont., July 20, 1971, had a long and distinguished career with the Tobacco Division of the Department of Agriculture.

Dr. MacRae graduated from Queen's with a B.A. in 1928, from McGill with an M.Sc. in botany and plant pathology, and from the University of California, with a Ph.D. in genetics and cytology. In 1930 he joined the Tobacco Division of the Dominion Experimental Farm and was soon appointed Senior Research Scientist. From 1942-46 he was on loan to the Wartime Prices and Trade Board where he served as Executive Assistant in the Tobacco and Foods administration. In 1946 he was appointed Chief of the Tobacco Division. When Science Services and Experimental Farms Services amalgamated, he became Associate Director of Programs (Crops). In 1966 he was promoted to Research Co-ordinator.

Dr. MacRae, whose career spanned the growth of the tobacco industry in Canada, served as an adviser to it and as consultant to government departments on marketing and statistics. He was the Canadian delegate to various international conferences and was a member of many local, national, and international organizations.

He is survived by his wife, formerly Florence Barrington, Arts '28, M.A. '29, his adopted daughter Alice, and one sister, and three brothers.

Beatrice Hazel Sargent, B.A. '28, Victoria, B.C., December 30, 1971.

Cecil John Scott, B.Sc. '35, Montreal, Que., Senior Project Engineer, Aluminum Company of Canada and past president Montreal alumni branch, January 4.

Elmo Albert Scully, B.Sc. '23, Renfrew, Ont., died on December 29, 1971. A veteran of World War One, Mr. Scully served with the Canadian Black Watch 1916-19. On his return to Canada he entered Queen's and graduated with his B.Sc. degree in 1923. He joined the engineering department of Ford Motor Company of Canada in Windsor, Ont., and from there went to Winnipeg, Man. From 1930 to 1950 he was in Bombay, India, from where he was transferred to Singapore as managing director of Ford Malaysia. He retired in 1958.

Among the survivors are his wife, formerly Vera Ferrier, Arts '21, one daughter Jean and three grandchildren living in Singapore.

Mrs. C.W. Topping (Marjorie M. Ellis), B.A. '20, Vancouver, B.C., January 8. Survivors include her husband, Dr. C.W. Topping, Arts '12, B.D. '19 (M.A., Ph.D., Columbia), a brother, D.M. Ellis, Arts '28, and a sister, Mrs. E.H. Carter (E. Ray Ellis), Arts '32.

Dr. Joseph Vincent Trainor, M.D., C.M. '24, San Diego, Cal., medical practitioner in Los Angeles County for 40 years, January 2. Dr. Allen V. Trainor, Med. '56, is a son.

James Edward McWaters Twiss, B.Sc. '46, Islington, Ont., project manager, International Nickel Company of Canada Ltd., January 23

Mrs. Ralph Watson (Margaret Aileen Froats), B.A. '37, Ingleside, Ont., retired school teacher, November 5, 1971. Mr. Cecil S. Froats, Arts '40, is a brother.

Dr. Leonard Wheelton, B.A. '19 (LL.D., Western), Windsor, Ont., teacher, principal and later superintendent of schools, December 31, 1971. Provincial Judge W. John Wheelton, Arts '43, is a son.

Dr. Leo Zealand, B.A. '12, M.D., C.M. '14, Bristol, England, July 10, 1971.

OTTAWA ALUMNAE

Plan to attend our

SALAD BOWL

at the home of Mrs. W. R. Honeywell, 17 Crescent Heights

April 22, 1972

12.00 noon — 2.00 p.m.

Lunch plus sale of books, scarves, etc.

Notes



Dr. A.T. Leatherbarrow

Dr. Albert T. Leatherbarrow, M.B. '16, M.D. '18, was recently honoured when Hampton Consolidated High School, N.B., dedicated its new library and reading room to Dr. and Mrs. A.T. Leatherbarrow "for their service to the school and community." Since eturning from overseas in 1919, Dr. Leatherparrow has practised continuously in Hampon, and when he completed 50 years of nedical practice in 1969 the entire communiy accorded him a civic reception. The Boy Scouts of Canada honoured him a year arlier by awarding him their Silver Acorn nd choosing him their representative to the Vational Scouting Service at Windsor Castle. He is the senior Scouter in Canada, having iven 65 years to the movement.



ributes to the late Mrs. Camm

wo scholarships in memory of Phyllis Maion (Hough) Camm have been announced by ne Board of Trustees and the Senate. They were established by the family and friends of Ars. Wendell Camm (Phyllis Hough), Arts 14, of Stirling, Ont., whose death occurred n July 4, 1971. At the time of her death, Ars. Camm was a teacher of English at 'entennial Secondary School in Belleville.

An award established by her parents will be tade annually to the student graduating om Napanee District Secondary School to bueen's with the highest standing in English, he second scholarship will be awarded for eneral proficiency to a scholar from the tirling Rawdon High School area.

1920-29

Lois M. Allan, Arts '21 (B.L.S., Toronto), who served as a librarian in Hamilton and Kingston for many years, is now retired and living at 184 William St., Apt. 6, Kingston, Ont

A.G. Barrett, Sc. '21, retired in 1967 after an interesting career as a civil engineer with the Ontario Department of Highways, Quebec Hydro, Canadian Johns Manville, and James, Proctor, Redfern. From 1936 to 1967 he was with Yukon Consolidated Gold Corporation, as chief engineer, mining superintendent, and manager. He is now living in Williamstown, Ont.

Robert L. Bonham, Sc. '21, is living at Meaford, Ont. At the time of his retirement in 1960 he was vice-president, production, Domtar wood preservation division, Montreal, Que.

Charles W. Booth, Arts '21, LL.D. '59, who retired as deputy minister of education for the Province of Ontario in 1963, lives at 2932 Yonge St., Apt. 504, Toronto 12, Ont.

Dr. J.W. Burns, M.Sc. '21 (B.Sc., U.N.B., LL.D., Western), Professor of Chemistry at the University of Western Ontario for many years, lives at 67 Thornton Ave., London, Ont

Colin A. Campbell, Sc. '22, Arts '23, consulting engineer in Toronto, has been elected by acclamation as second vice-president of the Association of Professional Engineers of Ontario

Dr. Hugh T. Carmichael, Med. '23, Washington, D.C., recently attended the White House Conference on Aging as a delegate from the American Psychoanalytic Association.

Herbert W. Chrysler, Arts '21 (M.A., Toronto), was a teacher of English at Oakwood Collegiate Institute in Toronto, Ont., for many years until his retirement. He lives at 19 Kenaston Gardens, Toronto.

J. Alex Edmison, Arts '26 (LL.B., McGill), Ottawa, Ont., has been re-elected for a third four-year term as a member of the Board of Governors of Trent University.

Mrs. J.P. McCarthy (Brenda B. Druce), Arts '25 (M.Sc., Chicago), has retired after almost nine years as Deputy Clerk - Treasurer of the Township of Otonabee, County of Peterborough.

Dr. J.A. MacGregor, Med. '21, who served for many years as a physician with the New York City Department of Health, retired in 1970, and is now living at 2294-P, Via Puerta, Laguna Hills, California 92653.

Mrs. Gordon M. Russell (Doris Ferguson), Arts '26 (B.L.S., McGill), retired recently from the staff of the Fraser Hickson Library, Montreal, where she has been a reference librarian for the last ten years. She resides at 41 Dufferin Rd. in Hampstead, Que.

1930-39

Dr. Walter F.C. Ade, Arts '33 (B.Paed., M.A., Toronto; M.Sc.Ed., Ed.D., Indiana; Ph.D., Northwestern), Professor of Modern

Languages and Education, Purdue University, with his wife Eleanor, recently visited their son George who is stationed with the United States Army in Frankfurt a/M., Germany. While in Europe on an extended vacation, they went on a long Mediterranean Cruise to Italy, Greece, the Greek Isles, Turkey and the Dalmatian resort areas on the Adriatic coast of Yugoslavia. Before returning to Frankfurt they witnessed the famous annual Regatta Storica.

M. Gordon Allmark, Arts '33, M.A. '36, Assistant Director-General, Drugs, Food and Drug Directorate, National Health and Welfare, Ottawa, has recently retired after serving 38 years in the Health Ministry. During 1960-62 he was granted leave of absence to serve as scientist in the World Health Organization in Geneva, Switzerland. He has retained his connection with W.H.O. and will serve as a panel member on a voluntary basis.

Mrs. J.W. Bishop (Mary Fraser), Arts '35, Vancouver, B.C., recently obtained her M.A. in History (Empire and Commonwealth), at the University of British Columbia. Mrs. Bishop is president of the Family Planning Association of B.C. and chairman of the Vancouver Branch of the Canadian Institute of International Affairs.

Gordon P. Eligh, Com. '39, Kingston manager for Simpsons-Sears Ltd., was named Retailer of the Year by the Kingston Ad and Sales Club.

Ross E. Freeman, Sc. '38, and Mrs. Gordon Campbell (Audrey Freeman), Arts '42, both of Ottawa, were bereaved of their mother on January 10.

Eric L. Hartley, Sc. '33, chairman and chief executive officer, Frankel Structural Steel Ltd., Toronto, is the incoming president of the Canadian Construction Association.

Dr. R.H. Hay, Sc. '36, M.Sc. '38 (Ph.D., Columbia), chairman of the Public Utilities Commission, Kingston, Ont., was recently appointed to the provincial government's advisory committee on energy. The 18-member committee was set up to study the question of energy supplies in Ontario and to arrive at a coherent, workable energy policy for the province.

J.C. Honey, Sc. '33, sales manager, Celite Products, Canadian Johns-Manville Co. Ltd., Port Credit, Ont., was recently made an honorary director and life member in recognition of his contributions to the Canadian



Col. C. Nicholson



E.L. Hartley

Cleaners and Launderers Allied Trade Association.

Col. G.W.L. Nicholson, Arts '31, one of Canada's leading military historians, has now brought out the concluding volume of his "stirring and authoritative" history of Canadian Guns and Canadian Gunners. Volume I, published three years ago, traced the role of artillery in Canada from the days of Jacques Cartier to the end of the First World War. The present chronicle encompasses the Second World War, the Korean War, as well as the artillery's contribution to Canada's international role during the postwar years. The book has been brought out by McClelland and Stewart Ltd., Toronto, Ont.

Dr. Jean I. Royce, Arts '30, LL.D. '68, Kingston, Ont., has been re-elected by the graduates for a three-year term on the Board of Trustees.

J. Stuart Warrington, Com. '33, is director of the Delray Beach Playhouse in Delray Beach, Florida. The 1971-72 schedule included *Picnic, Forty Carats, Man of La Mancha, Plaza Suite*, and *You Can't Take It with You*.

1940-49

Dr. John E. Bardach, Arts '46, has been appointed Director, Hawaii Institute of Marine Biology, and Professor of Zoology and Oceanography, University of Hawaii, and may be reached at P.O. Box 1067, Kaneohe, Hawaii 96744. Dr. Bardach was formerly professor, University of Michigan, Ann Arbor.

Gerald K. Bouey, Arts '48, has been appointed Senior Deputy Governor of the Bank of Canada for a term of seven years commencing January 1972. With Mr. Bouey's appointment, he becomes a Director of the Bank of Canada and of the Industrial Development Bank and a member of the Executive Committee of both institutions.

Melville P. Carson, Com. '48, Thetford Mines, Que., has been appointed executive vice-president of Asbestos Corporation Limited.

Judge Keith Allan Flanigan, Arts '49, Q.C., has been appointed chairman of the new federal Tax Review Board.

Dr. Stewart Fyfe, Arts '49, M.A. '54 (Ph.D., Manchester), Director, Institute of Local Government, Queen's University, has been



G.K. Bouey



S. Fyfe

THE GLOBE AND MAIL, FRIDAY, DECEMBER 31, 1971



Man of the Year

The Hon. Edgar J. (Ben) Benson, Queen's graduate and former faculty member, was named 1971's Man of the Year in Canada—or, as the *Globe and Mail* phrased it, "Canada's Johnny-on-the-spot." The "spot" was the Finance portfolio which Mr. Benson held from April 1968 until the recent Cabinet shuffle. What put him in the limelight in 1971, generally speaking, were his determined piloting of tax reform through the House ("onerous") and the setting up of the Canada Development Corporation ("relatively easy").

"For good or bad," read the Globe and Mail recap, "perhaps no other Canadian has been so closely enmeshed in so many things affecting business and finance in the past 12 months."

Mr. Benson has been M.P. for Kingston and the Islands since 1962, and retains strong ties with both the City and the University. He was granted his B.Com. degree in 1949 following military service overseas. In 1952 he was designated a C.A., joined the venerable firm of England, Leonard and Macpherson, and began a 10-year teaching stint as Assistant Professor in the School of Business. Since his federal election in 1962, he has been Minister of National Revenue, President of the Treasury Board, and Minister of Finance, and now holds the post of Minister of Defence.

awarded a Leave Fellowship by the Canada Council. Fellowships are intended to assist faculty members to undertake up to a year's full-time independent research. Dr. Fyfe was also elected chairman of the Kingston Planning Board.

FRIENDS OF QUEEN'S APPOINT NEW OFFICERS

Dr. Norman B. Garand, Med. '40, New York, N.Y., has been appointed president of Friends of Queen's Inc., in succession to the late Dr. E.C.A. Crawford. Dr. A.B. Susman, Arts '26, Med. '28, has been appointed vice-president and treasurer.

Friends of Queen's Inc. is the channel through which alumni living in the United States can make contributions to the University. Since the organization was formed in 1949 it has contributed upwards of \$700,000 to the University.

Bruce M. Hamilton, Sc. '43, has been elected president of Slater Steel Industries Limited. Mr. Hamilton recently joined Slater Steel as president of its two operating divisions, N. Slater Company and Burlington Steel Company.

Dr. James M. Harrison, M.A. '41, Ph.D., '43, LL.D. '67 (B.Sc., Manitoba), has been appointed senior assistant deputy minister, a new position, in the Department of Energy, Mines and Resources.

Dr. J. Glynn F. Henry, Sc. '48 (M.S.E., Princeton), has received his doctorate in sanitary engineering from the University of Toronto. Formerly chief engineer, Sanitary Division, R.V. Anderson Associates Limited, Dr. Henry has rejoined the firm to head the newly formed Environmental Studies Section.

Dr. George W. Holbrook, M.Sc. '49 (B.Sc., Ph.D., London), has been appointed director general of the communications research centre of the communications department in Ottawa.

Richard P. Hooper, Arts '49, has been appointed senior adviser on international oil and gas relations with the Department of Energy, Mines and Resources, Ottawa, Ont.

W.G. "Pat" Jones, Sc. '48 (M.Sc., Cambridge), formerly future projects manager, Hawker Siddeley Dynamics Ltd., England, is now farming in Norfolk. Mr. Jones may be reached at Home Farm, Harpley, Kings Lynn, Great Massingham 336, Norfolk, U.K.

D.D.C. McGeachy, Sc. '40 (M.B.A., Western), London, Ont., has been elected president of the Stratford Shakespearean Festival Foundation.

Douglas E. Patterson, Arts '44, has been appointed Director, Fire and Casualty Insurance Division, Department of Insurance, Ottawa. Son John R. Patterson is presently at Queen's in Sc. '75.

David L. Rigsby, Sc. '40, has been re-elected for a three-year term to the Board of Trustees, Queen's University.

Miss Ruth Diamond Silvester, Arts '46, Belleville, Ont., has retired from the staff of the Belleville Collegiate and Vocational Institute.

William D. Small, Com. '48, has been appointed vice-president, investments, Bank of Montreal. Mr. Small was formerly vice-president, money management. He is also a member of the University's Investment Committee.



B.M. Hamilton



J.G.F. Henry

Miss Ethel Stewart, Arts '48, M.A. '55, recently spent three months in the Northwest Territories as a field worker for the Federated Women's Institutes of Canada. Miss Stewart has had a long and distinguished career working with native peoples in the Northwest Territories, New Zealand, and Alberta. In the 1950's she received a Canada Council grant to continue her research into the traditions and culture of the northern Indians.

Col. Michael H.F. Webber, Sc. '48, has received a promotion and a new posting to NATO headquarters in Belgium. Now a brigadier-general, he is to become chief of the operations division in the integrated communications systems management agency.

James F. Williams, Sc. '49, is co-ordinator of vocational and professional services, Department of Continuing Education, St. Lawrence College of Applied Arts and Technology, Kingston, Ont.

1950-59

J.R. Ariss, Sc. '55, has been appointed vicepresident and general marketing manager, pipe, Canadian Johns-Manville Company Ltd.

Lt/Col. Ian R. Ballantyne, Sc. '56, and Mrs. Ballantyne (Mary Troup), Arts '54, are living at Mgr. Savelbergstraat 16, Schinnen, Zuid Limburg, The Netherlands. Lt./Col. Ballantyne is at NATO Central European HQ (AFCENT), Brunssum, The Netherlands.

Murray G. Bulger, Com. '51, has been appointed chairman of the Canadian Educational Committee of the National Foundation of Health, Welfare and Pension Plans, largest nternational education organization in the employee benefits field.

John C. Crosbie, Arts '53 (LL.B., Dalhousie), as been appointed Minister of Finance and Economic Development in Newfoundland's new Conservative administration.

Norman Desmond Dyson, Arts '55, Toronto, Ont., has been named Queen's Counsel.

loseph Franklin Eigner, Sc. '55 (M.B.A., 3uffalo), has been temporarily assigned as operations manager of New Zealand Steel limited and will reside at 27 Totara Street, Waiuku, New Zealand. Mr. Eigner will reurn to Stelco in Edmonton.

Or. John Alexander Wilson Gunn, Arts '59, M.A. '63 (Ph.D., Oxford), Professor of Polical Studies, Queen's University, has been



W.D. Small



W.V. Moore

awarded a Leave Fellowship by the Canada Council. This allows faculty members to undertake up to a year's full-time independent research.

Howard Hart, Com. '53, has been appointed president of the Canadian Pulp and Paper Association, Montreal, Que. Mr. Hart was formerly executive vice-president.

Dr. D.S.R. Leighton, Arts '50 (M.A., Toronto, D.B.A., Harvard), has been elected to the Board of Directors of Standard Brands Limited. Dr. Leighton is Director of the Banff School of Fine Arts, holds directorships in several Canadian companies, is president of the American Marketing Association and was Chairman of the Canadian Consumer Council from 1968 to 1970.

Donald J. Matthews, Sc.'50, was elected national chairman of the Progressive Conservatives when the party convened in Ottawa early last December. His motto was "victory through unity" and his pledge was to revitalize party teamwork and leave politics and policy to party leader Robert Stanfield. Mr. Matthews, a native of Brantford and resident of London, Ont., is head of a land development and construction operation called The Matthews Group.

W.V. Moore, Com. '51, president of IBM Canada Ltd., has been appointed Chief Executive Officer.

Mrs. Robert Nutbeem (Megan Moores), Arts '51, and Mr. Nutbeem were recently appointed all-breed judges of the Canadian Kennel Club. The first Newfoundlanders to be appointed to the life position, they will travel to many parts of North America to judge dog shows. The Nutbeems operate the Harbour Beem Kennels in Harbour Grace, Conception Bay, Nfld., where they breed champion Newfoundland dogs.

Dr. Kristian S. Palda, Com. '56 (M.B.A., Ph.D., Chicago), a member of faculty in the School of Business, has been granted a Samuel Bronfman Foundation Fellowship Award for 1971.

Eric A. Prime, Com. '50, C.A., treasurer and comptroller of R.L. Crain Limited, Ottawa, has been elected interim president of a newly formed national organization, Canadian Business Forms Association.

R. Fred Richardson, Arts '50, president of the Maritime Life Assurance Company, has been elected to the Board of Directors, Nova Scotia Trust Company.

Stephen W. Roughton, Arts '55, was elected vice-chairman of the board of directors of the 15,000-member Life Underwriters' Association of Canada. Mr. Roughton is the former president of the Kingston association.

Dr. E. Ann Saddlemyer, M.A. '56 (B.A., Sask., Ph.D., London), is holding a joint appointment at the University of Toronto. Dr. Saddlemyer is Professor of English in Victoria College and Professor of Drama with the Graduate Drama Centre.

Donald R. Sobey, Com. '57, Stellarton, N.S., has been elected to the Board of Directors of the Nova Scotia Trust Company.

Peter Gordon Swan, Arts '56, Kingston, Ont., has been named Queen's Counsel.

Charles L. Umpherson, Arts '56, has been appointed Property Tax Representative—Central Canada, Shell Canada Limited, and recently was awarded the designation F.R.I. (Fellow of the Real Estate Institute of Canada) by the Canadian Real Estate Association.

Richard J. Welwood, Sc. '50, formerly chief mine engineer at Brunswick Mining and Smelting Corp. Ltd., is now mining information specialist, Mines Branch, Department of Energy, Mines and Resources. Mr. and Mrs. Welwood (Elisabeth MacLeod), Arts '49, reside at 61 Bradford St., Ottawa K2B 5Y7, Ont.

Dr. John W. Wong, Med. '59, Assistant Clinical Professor of Psychiatry, University of Southern California, will instruct a 12-week continuing education course focusing on common psychiatric problems with a non-psychiatric practice.

Dr. H.R. Wynne-Edwards, M.A. '57, Ph.D. '59 (B.Sc., Aberdeen), head of the Department of Geological Sciences at Queen's University, will leave at the end of the current academic year to become head of the Department of Geology at the University of British Columbia.

1960-69

Rafiu Ayo Akindele, Arts '66, M.A. '67 (Ph.D., Alberta), Lagos, Nigeria, represented Dr. John J. Deutsch, principal, Queen's University, at the inauguration of Dr. Nnamdi Azikiwe as Chancellor, University of Lagos, Lagos, Nigeria.

Marvin G. Baer, Law '65, associate professor, Faculty of Law, Queen's University, has been awarded a Leave Fellowship by the Canada Council. The fellowship is intended to assist a faculty member to undertake up to a year's full-time independent research.

Edward A. Balys, Sc. '64, has been relocated to Kansas City on assignment to Crown Centre Project for Concordia Construction Management Ltd. of Montreal. Mr. Balys and family reside at 5010 - 67th Street W., Shawnee Mission, Kansas 66208.

Robert A. Barlas, Arts '67, has taken a position as teacher at the newly opened Cleaners and Launderers Allied Trade Association.



J.M. Harrison



D.J. Matthews

Singapore International School, an affiliate of United World Colleges, a comprehensive secondary school with an enrolment of 1,000 pupils. Both students and staff are a fully international group—the staff come from 12 different countries and the student body represents over 40 different countries. Mr. and Mrs. Barlas (Nancy Evans), Arts '69, reside at 4A Pender Road, Singapore 4, and hope alumni passing through the area will contact them.

Mrs. J.G. Cameron (Dorothy Brokker), Arts '63, recently retired after three-and-a-half years with Statistics Canada, formerly the Dominion Bureau of Statistics, in the Education Division. She held the position of chief of the Section on Adult Education, and latterly was in charge of developing the first surveys of the arts in Canada. Mrs. Cameron plans to be travelling and visiting in Great Britain for the next several months.

Dr. Norman E. Cameron, Arts '64 (M.A., Western), recently received his Ph.D. in economics from the University of Michigan. He has lectured in economics at the University of Manitoba for the past two years. Dr. Cameron lives at 601 South Drive, Winnipeg, Man. R3T 039.

David M. Cockfield, Arts '62 (M.B.A., Toronto), has been appointed manager, Investment Division, with Canada Trust's main office in Toronto.

Dr. David B. Edney, Arts '63 (Ph.D., France), is head of the Department of Languages at the University of Nigeria, Nsukka, East Central State, Nigeria.

Mike Hartley, Arts '68, Toronto, Ont., was a member of the Canadian two-man and fourman bobsled teams at the Winter Olympics at Sapporo, Japan.

Harold E. Holt, Arts '62 (M.A., Carleton), was recently appointed manager, Personnel and Industrial Relations, American Air Filter of Canada Limited. Mr. and Mrs. Holt are residing at 1335 Chameran, Montreal 380,

Dr. Jeffrey P. Kimball, M.A. '64 (B.A., Louisiana), assistant professor of history at Miami University, Oxford, Ohio, has received a research appointment which will enable him to work toward a book tentatively titled "The Phenomenon of War."

Charles Timothy McMahon, Arts '61, has received his Master of Arts degree in history from McMaster University. Mr. McMahon is now employed by the Niagara Board of Education as head of the Fort Erie Collegiate history department.

Mrs. Leonard Maley (Jean McCans), Arts '64 (M.A., Rochester), has received her doctorate in economics from the University of Rochester. Dr. Maley is on staff at the St. John Fisher College, Rochester, N.Y.

R. Flynn Marr, Sc. '66 (LL.B., Ottawa), has opened an office for the general practice of law at Suite No. 1, 2335 St. John's St., Port Moody, B.C. He was formerly associated with the legal department of the District of Coquitlam, B.C.







A. Saddlemyer

John B. Roy, Sc. '63 (Dip. in Man., McGill), assumed responsibilities as a member of the Corporate Finance Division of Greenshields Incorporated, 4 Place Ville Marie, Montreal 113, Que. Mr. Roy and family reside at 4487 Kingston Crescent, Pierrefonds 920, Que.

Victor J. Rupsys, Sc. '67, is now residing at 5885 Cunard St., Apt. 1108, Halifax, N.S. Mr. Rupsys is Maritime District Engineer, Shell Canada Limited.

Peter W. Strong, Law '67 (B.A., Memorial), has joined Rupert W. Bartlett, Q.C., in the practice of law under the name Bartlett & Strong, Barristers & Solicitors, P.O. Box 5008, Royal Trust Building, Water Street, St. John's, Nfld.

Kingston grads rally to support new clinic

Six Queen's medical graduates are among the 15 Kingston general practitioners who are working at a medical clinic at Northbrook, Ont., under a \$68,000 grant from the Physician Services Incorporated Foundation. They are also on the staff of a clinic at Parham, which has been in operation for four years. Dr. R.T.G. Milne, Arts '54, Med. '58, is director of both clinics.

Participating are: Dr. James Berry, Med. '58, Dr. Richard James, Med. '59, Dr. Jay McMahan, Med. '60, Dr. C.R. Meyer, B.Sc. (Arts) '61, Med. '65, Dr. Ken Adams, Med. '54, and Dr. D.G. Workman, Med. '60.

Ruth E. Svensk, Arts '62 (B.L.S., Toronto), will be spending two years with C.U.S.O., as librarian for the National Development Corporation of Tanzania. Miss Svensk may be reached at Box 2669, Dar es Salaam.

Dr. John R. Taylor, Med. '63, Willowdale, Ont., has been awarded the degree F.R.C.S.(C) in Plastic Surgery.

Frederick Walter Vanstone, Com. '62, has been appointed Deputy General Manager of the Bank of British Columbia.

Dr. Thorpe W. Watson, Sc. '61, M.Sc. '63 (Ph.D., Birmingham), has been appointed senior development engineer, Cominco Limited. Dr. Watson will be responsible for metalworking and development activities at the company's Product Research Centre, Sheridan Park, Ont.

Jeffrey A. Wilk, Sc. '65 (M.B.A., Virginia), has taken a position as regional engineer with Industrial Nucleonies Corporation. Mrs. Wilk (Linda McFarlane), Arts '65, is teaching at Worthington Estates Elementary School in Worthington, Ohio. Mr. and Mrs. Wilk reside at 2134 Coventry Road, Columbus, Ohio 43221.

Dr. E. Hywell Williams, M.Sc. (Arts) '69, Ph.D. '71 (G.R.I.C., Liverpool), has been appointed to the Department of Chemistry, University of Rhodesia.

1970-71

Thomas E. Cole, Law '70 (B.A. Western), has opened offices for the practice of law at 25 Queen St., Lakefield, Ont.

Keith Ferguson "Skip" Eaman, Sc. '71, has been appointed marketing and sales manager, Eaman-Riggs Limited, Ottawa, Ont.

Ivan F.D. Groves, Arts '71, is Kingston area correspondent for the Daily Commercial News, construction newspaper. Mr. Groves resides at 32 Liddell Cresc., Kingston, Ont.

Ian Hamilton, Arts '71, is a member of the editorial department of the Whig-Standard, Kingston, Ont.

John F. Ritchie, Arts '71, a first-year MBA student, has received a Samuel Bronfman Fellowship Award, for further graduate studies in business.

Lost Trails

Henry), B.A. 1937

Bialik, Himan Gerald, B.A. 1947

The graduates listed alphabetically below are in the "current address unknown" category. If you have any information about the whereabouts of these former students or news of any deaths, it will be appreciated by the Alumini Office, Queen's University, Kingston, Ont.

Anderson, Mrs. J.E. (Laura Elizabeth

Bleakley, S. Vena M., B.A. 1912 Bogdanic, Mary, B.A. 1947 Bosanquet, Mrs. Edward E. (Rhondda Heler Davies), B.A. 1947 Brower, Mrs. E.H. (Mabel McAuley), B.A. 1912 Burgess, Helen Emily, B.A. 1937 (Fall) Cameron, John Shaw, B.A. 1912 Caton, Walter Clifford, B.Sc. 1912 Coffin, George Arthur, B.A. 1912 Cohen, Samuel Harold, B.A. 1947 (Fall) Currie-Mills, Cecilia Mary Catherine, B.A.

1947 Dunne, Clodagh, B.A. 1947 De Belle, Louis Charles, B.A. 1937 (fall) Deutschmann, Fred William, B.A. 1912 Ewing, Bertha Rachel, B.A. 1937 Fillmore, William Archibald, B.Sc. 1960 Fitch, Clyde Jones, B.Com. 1948 Fleishman, Ruth Elaine, B.A. 1947 Gardiner, Dr. William Henry, B.A. 1910 M.D. 1912

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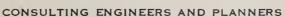
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REUNION 1972

WEEKEND OF THE QUEEN'S - VARSITY GAME

Classes officially scheduled to attend:

1912

1947

1922

1949-50-51-52

1930-31-32-33

1968-69-70-71

Please note that the above schedule is for purposes of convenience only.

Any class may hold a reunion at any time.

The Alumni Office will help all reunion organizers with their arrangements, including the preparation and mailing of notices, newsletters, class lists and other communications.

OCTOBER 20, 21, 22

ALUMNI REVIEW MAY — JUNE 1972



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REMEMBER "VENDETTA"?

A Bonnie-and-Clyde raid on a Kingston bank was part of the publicity for the Science Formal of the early seventies.

REUNION 1972 WEEKEND OF THE QUEEN'S-VARSITY GAME

Classes officially scheduled to attend:

1912	1930	1947	1968	Special
1922	1931	1949	1969	Science '55
	1932	1950	1970	
1933	1951	1971		
		1952		

Exceptions to the above: Science '33 will postpone their reunion until 1973; Arts '49 and 50 will postpone their reunions until 1974.

OCTOBER 20, 21, 22



ALUMNI REVIEW

MAY - JUNE Volume 46 Number 3

Editor and Business Manager HERBERT J. HAMILTON

Associate Editor
CATHERINE M. PERKINS

Editorial Assistant FAYE PATTEN



COVER: "Don Perlimplin—an erotic acepaper valentine", part of the studio-theatre's Chronicles series, staring Ibbi Price and Prof. Russ Waller. Directed by Dick Trousdell; designed by Russ Waller. See pages 68-71.

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round the Campus 80 Applications down; New programs offered;
Approval for Health Sciences Complex;
World scoop for Queen's Quarterly;
Coach named to Olympics; Grants for
medical research; Awards and honours for
several faculty members; Support for
drug centre; Dean of Student
Affairs resigns

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Photo credits: Cover by Christopher Miller; Hugh Travers, 70 (and page 49 of the last issue); Wallace R. Berry, 69, 71 (Greene and Angus), 72 (top) 82 (Webster), 83, 92 (Burr) and 94; D. Dewar, 91; Wilfred Higgs, 90 (Batstone); Kingston Whig-Standard, 82 (Bradburn); Hamilton Spectator, 87; Orval Christensen, 93 (McKean); Merck Sharp & Dohme Laboratories, 93 (Lyght); Gerry Baumgaertel, 72 (bottom).

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the play's (still) the thing



Lorne Greene, who began his career in the stage of Convocation Hall, played in this Guild production of J.B. Priestly's "Dangerous Corner." Left to right are Arthur Sutherland, Jean Swanson, Lorne Greene, W.P. Wilgar (director), Dorothy Stuart, Donald Lapp, Isabel Hope and Hazel O'Kilman.



Back in the 40's Margaret Angus was creating the splendid and authentic Shakespearean costumes that are still the pride of the Drama Department. She also supervised make-up.

The fledgling but well furbished Dramatic Club of 1905 posed in their costumes from "Hamlet" and "Twelfth Night", plays the Guild may revive. Names of casts are on page 91.



Summer workshops are a long tradition, too. Below, a 1957 production of Moliere's "Le malade imaginaire", starring Martin Petlock and Dolores Ryback (left).





J.A. (Fred) Euringer has been Professor and Director of Drama since the retirement in 1963 of Prof. William (Doc) Angus.

Seven short years after its establishment as a department, with 38 students enrolled, Queen's Drama Department is offering a Senate-approved major and expecting a record 550 registrations his fall. In the session just past, 471 students were taking the lepartment's 12 courses and the taff had grown to six full-time professors, four part-time nstructors and one technician.

Prof. J.A. (Fred) Euringer has been Director of Drama since the epartment was separated from the english Department. His seasoned taff includes Prof. David Kemp, tho is also Chairman of Theatre arts in the Faculty of Education.

Contributing to Drama's exciting eriod of growth and popularity are icilities and equipment which have rned Old Arts into a real theatre omplex. A refurbished onvocation Hall now seats 270 in lushy comfort. A studio-theatre egun in 1969 seats about 75. There a set and costume design studio; a orkshop for set construction; an idio-visual room; accumulating ops—made, bought, and donated; nd air-conditioned accommodation r the priceless collection of stumes. (For views of the partment and news of the Drama uild, see 70 and 71.)

With the Drama Guild 73 years old and the Drama Department readying for its seventh session with an enrolment of 550, the dramatic arts at Queen's are in fine health—and good hands

Sophocles' "Antigone" was the first simplified and experimental production in the new Studio-Theatre when it opened in 1969 in Room 102 of Theology Hall. The studio is used for teaching and is equipped as a versatile and intimate theatre seating 75.





Costume room now boasts air-conditioning, modern lighting and sewing machines. Above, Maureen Burne tries negligee for Professors Waller and Robertson. Below, Owen Moulton (standing) and his brother Paul search out weapons in the basement prop room. Many props and costumes have been donated by local alumni.





Eleanor Crowder and John Burgess make up for "What the Butler Saw" in one of four make-up rooms—two large, two small—that accommodate up to 35 actors.





Above, Russ Waller and Rod Robertson (right) study model of set in the design studio and later check its erection (below) in Convocation Hall. Note bank of lights controlled by Alan Higdor (above right) at solid-state, two pre-set dinimer board with 30 dimmers, located in the balcony.



Birthday salute to Doc Angus on his 75th

On March 22, the faculty of the Drama Department, former faculty colleagues and drama guild executives, and "Mrs. A." surprised Professor Emeritus William Angus with a birthday party in the drama lounge. In his honour, the department will present \$50 annually to the winner of the William Angus Award (a silver rosebowl). The award was originally given to the University in 1963 by the Faculty Players, to commemorate Doc's retirement after 25 years as "mentor and guiding spirit of the Drama Guild." The bowl plus the new monetary award go to the student who makes the most significant contribution to drama on campus each year.



Last May, Doc Angus was chosen to hood honorary graduate Dr. Lorne Greene, one of Queen's most famous graduates and Canada's most famous actors.

A Way of Remembering

The Senate has spelled out the terms of the award presented by world-famous actor Lorne Greene, B.A. '37, LL.D. '71, during his visit to Queen's last spring. The award, which will be comprised of a medal and a cash gift of \$1,000, will be given annually to "the graduating student in Drama who is deemed to have the highest potential for successful work in the academic or professional theatre."



"They'll still be talking about The Crucible in 1960," wrote the Journal's drama critic in 1958 after seeing a highly successful Drama Guild production of the Arthur Miller play. Queen's still had only one drama course, and the Guild was the major outlet for campus thespians.

And what's been happening to the Guild?

At last, 73 years after its founding, Queen's Drama Guild* has the beginnings of its own theatre.

News that the Guild had rented downtown space this spring was something of a surprise to the campus; in recent years the productions of the burgeoning Drama Department had virtually eclipsed the activities of the Guild. Apart from one major production and its successful sponsorship of a London theatre tour, the Guild has recently devoted its energies and its A.M.S. subsidy mainly to the support of enterprising students with good ideas for independent projects.

Then Brian Wilson, a final-year English major who produced a highly acclaimed interpretation of "The Bacchae" in 1971, thought of creating, organizing and directing a Guild Theatre, off campus and open to any student. His idea was seized upon by friends Owen Moulton, a senior in Drama, and Mo Bock, a Drama grad of 1971 who is now an instructor in the Department. They took it to the Guild Executive and planning began.

With Mo Bock as its first director, the Guild Theatre plans to become "a focal point for noncommercial, good, interesting and unique theatre" and hopes to revitalize campus interest in such classic playwrights as Shakespeare and Moliere.

If a student in any faculty wishes to produce a play in the Guild Theatre in future, he can present his ideas to the Executive. If they approve of his project, the Guild will back his production in terms of financial, technical and even directorial assistance.

Projected opening date for the theatre's Princess St. premises is late June, with the first play to be staged next fall. Several summer projects are afoot, with the goal of providing funds for furnishing and production budgets. Plans call for a versatile and intimate studio area, with moveable seating for 50 to 60 people and several stage exposures. All that's needed now to fulfill that old Queen's dream is student participation and support.

* The Queen's Drama Guild began as the Dramatic Club in November 1899 when "a small band of students with Professor Dyde at their head set to work, and at their first regular weekly meeting the first act of 'As You Like It' was read." (From the Queen's Journal, 1900.) Its first public offering was the fourth act from "The Merchant of Venice," after which the Journal pronounced that "About this society there is something peculiarly free and non-academic. ."



Guests of honour on the platform listening to Premier William Davis at the podium were, right to left, Principal John J. Deutsch; former Principal J.A. Corry; the Hon. Tom Wells, Minister of Education; Vernon Ready, Dean of Education; Mrs. Mary Fraser, one of Duncan McArthur's daughters Kingston Mayor E. Valorie Swain; Brian Duplante, president of the Faculty of Education students; Dr. Helen Hardy, Duncan McArthur's othe daughter; Dr. Ed Stewart, Deputy Minister of Education; Syl Apps, Kingston MPP; and Harry Smith, architect of the complex.

Duncan McArthur Hall, home of the Faculty of Education, was officially opened on May 2 by Ontario Premier William Davis.

The Hon. Duncan McArthur was head of the Department of History at Queen's from 1922 to 1934 and Ontario Minister of Education from 1940 till he died in 1943. The "Hall" whose name honours his memory is actually a two-phase teaching and

administrative complex. The first phase was completed late in 1970 and provides classrooms, laboratories, two 90-seat lecture theatres, a 150-seat theatre, and faculty offices. Phase two, finished last fall, includes a library (100,000-volume capacity), a double gymnasium, a TV studio, offices and physical plant facilities.

A 576-unit student residence and

social centre is nearing completion adjacent to McArthur Hall. For 1971-72, Education enrolment was 640, more than three times the enrolment of 195 in the Faculty's opening session, 1968.

A major day-long symposium on "National Dilemmas in Canadian Education" followed the official opening.

(For another photo see page 80.)

McArthur Hall is actually two adjoining, beautifully landscaped buildings. In the foreground is the part of the complex containing offices, classroom lecture theatres and laboratories. Behind it is the newer wing with the library, gymnasium, auditorium and audio-visual studio.



Few members of the present Queen's constituency will have any memory of the decade 1902 - 1912. This decade featured a protracted and intense debate on what was called "the Constitutional Question"—the severance of the legal ties that bound the University to the Presbyterian Church. If we believe in the formative role of our past, it is worthwhile to remind ourselves of this crucial decade in our history.

Most students and alumni today are aware that Queen's owes its origin to the Church of Scotland and

Trustees' application for charter changes at its meeting in 1903.

Since the question of "separation" hinged largely on the financial support of the University, it may be pointed out that the School of Mining, ancestor of the Faculty of Applied Science, received a grant from the province. It had no legal connection with Queen's, but maintained an affiliation for the purpose of granting degrees. Prof. Nathan Dupuis pointed out in the constitutional debate that this affiliation could as well

When Queen's Was a Denominational College; the Great Debate on its Constitution

by NORMAN MILLER

ts daughter church in Canada—though the day seems past when sports writers refer to our football team as he Presbyterians. In the early days a small subvention was received annually from the Church of Scotland. Apart from this and a small contribution from the egislature, which was discontinued in 1869, the inancing of the University depended on private lonations, most of which were the result of the aborious and exhausting endowment campaigns of 869, 1878 and 1887. One cannot be unmoved by Principal Grant's plaint that "Queen's lives, but it lives by having killed MacKerras' and by having half killed ne."

Near the end of his life, Principal Grant came to the conviction that, to ensure the future of the University, it was necessary to remove from the Charter the clauses hat made Queen's a denominational college. These lauses were three in number:

- 1) The body corporate of Queen's College shall onsist of members of the Presbyterian Church.
- 2) The Principal shall be a minister of the Presbyterian Church.
- 3) The majority of the trustees shall be Presbyterians. 'rincipal Grant laid the groundwork for the change, to e legalized by an act of Parliament. Had he lived, this robably would have been achieved within a year. With he removal of his forceful personality in 1902, the pponents of "separation", as it was called, became lore vocal and the General Assembly rejected the

have been established with McGill or Toronto. The Faculty of Education, founded in 1907, and the Faculty of Medicine also received government grants. This left the Faculty of Arts without public support. It is easy to be wise after the event. How could this Faculty have survived for the past 60 years without support from the province?

From 1903 to 1909 the movement for constitutional change gathered momentum. At meetings of the General Assembly of the Church in 1903, 1904, 1908 and 1909 the matter was debated. Motions were followed by amendments and these by the appointment of commissions. It was not until 1909 that the petition from the Trustees, backed by the Senate and the Council, received an affirmative, but by no means a unanimous, vote of the Assembly. From there the lawyers and lawmakers took over.

It is impossible here to summarize the debates. To paraphrase an Old Testament question, Are they not written in the chronicles of *The Queen's Quarterly?* ² Though convictions were strongly held, the speeches—in the best traditions of the Scotch—were of high quality with little or no acrimony. The leading advocates of change were Principal D.M. Gordon and Professors James Cappon and W.G. Jordan, while its leading opponents were Rev. Dr. Robert Campbell of Montreal, a trustee; G.M. Macdonnell of Kingston, both a trustee and the University solicitor; and Prof. S.W. Dyde. Many other delegates to the General Assembly

took part in the debate, pro or con.

Finally, the Act of Parliament legalizing the new Constitution was passed in 1912. In 1910, what might be called an epilogue to the debate was published in the Quarterly, under "Current Events", by Prof. James Cappon. This "Interview" with the janitor was clearly intended as comic relief, to defuse any bitterness that might remain among the disputants. It would be ungracious to try to disentangle fact from fiction in the interview. Certainly the name Davus is fictitious; the janitor of the Arts Building in 1910 was John Baker, who retired in 1940 and is still remembered by older members of the university. The Elder referred to by the janitor was G.M. Macdonnell, an elder in Chalmers Church to which Professor Cappon also belonged and of which Dr. Malcolm Macgillivray was the minister. Prof. L-was Dr. Robert Laird, then on the staff of the Theological College.

As a conclusion to the foregoing discussion, Cappon's "Interview" will serve two purposes: it will suggest, better than a description could, something of the flavour of the debate, and it will introduce present-day readers to Professor Cappon, one of the outstanding men in Queen's history.

AN INTERVIEW*

Davusne? Davus sum. Hor. Sat. II, 7.

by James Cappon

Davus is a very good fellow who does chores in the Arts and has picked up so much knowledge from long consorting with Professors that he could about pass the B.A. He is regarded as a sort of personal friend by most of us and sometimes, I must say, takes almost Saturnalian liberties of speech on the score of his long and faithful service. "I see you're writing on that constitutional question again," he said, as he came in to clean up my room the other morning, "you're looking ill, it always makes you ill, that question."

"Any question will make one ill, Davus," I replied, "if one tries to get to the bottom of it."

"I guess you fuss too much, won't it be all the same a hundred years after this?" I parried the question with an ambiguous 'h'm', it being really a bigger one than Davus thought. "Besides, it doesn't do any good," he added, with a certain pointedness. "What do you mean, Davus?" I asked sharply. "Well," replied Davus, "I heard the Rev. Prof. L—saying that that pamphlet you Deans sent to Winnipeg was a mistake."

"Davus, I'm afraid you are little better than a blockhead outside of your own department—in what way was it a mistake?"

"Oh, he says that you mixed things all up and spoke as if the Science Building and the Faculty of Education and Queen's was all one thing and we were responsible for them all." (Davus speaks occasionally as if he were the Trustees and the Principal rolled into one). "Why, I never puts a mop in a bucket for anything but Arts and Divinity. And the Reverence Professor says, too, that you began the wrong way at first, you should have said nothing about Pension Fundses, or you should have put it in a foot-note and small print, he says."

"No doubt it was a pity, Davus," I admitted, "but it was a first the only ground the Senate could properly take for memorializing the Trustees. As soon as the question came before the Assembly it was discussed on its full merits."

"And didn't you yourself admit up in Winnipeg that we were already getting grants from the Government in a sort o way, when it was only the Faculty of Education? Wasn't that another mistake?" asked Davus severely. "A big blunder, the Reverend Professor calls it."

"Well, Davus, I don't know that facts are so much altered by putting different names on them; but didn't I explain. . ."

"Explanations are never any good, sir," interrupted Davu resolutely, "leastways to your enemies. Don't do things a need explanations."

"There is wisdom in that, Davus, I admit, but still I assur you that the Reverend Professor and his friends were not an the happier for the appearance of that pamphlet."

"He says you shouldn't write any more pamphlets at an rate," Davus insisted, adding with a shrewd grin, "perhapsome of your friends think the same."

"Davus," I said, with some emphasis, "I never realize before what a blockhead you are outside of the furnace-room Don't you understand what we have to gain by the writte

¹ John Hugh MacKerras, a graduate of 1850 who became Classics Professor in 1864. He died in 1880, "a martyr to Queen's "According to D.D. Calvin's book, "His greatest work for Queen's was his fiery advocacy of her cause in the endowment campaign of 1868-69, under Principal Snodgrass."

² See particularly *The Queen's Quarterly*, 1908, 1909 and 1910. See also the biography of Principal Grant and D.D. Calvin's centennial book *Queen's University at Kingston*, 1841-1941.

^{*} From The Queen's Quarterly, January-March 1910

"Why can't you keep cool and give them a twist without showing it—the way they do it in the Economics?"

word, by having definite and permanent statements of fact, instead of the loose speech of the platform with constant assertions which no one has time to check or consider. I only want to put the case fully and in a form which gives time for considering it." But Davus remained doubtful; he has really not much opinion of my ability outside of committee work,

though he politely conceals his opinion as a rule.

"They can put their cases, too, can't they?" he said. "The Elder, he will down you with quotationses from the Scriptures and the Pilgrim's Progress and such like. You says, 'We need a new library and more sources of income,' but he says, 'You're dodging the Hill of Difficulty like the bad men in the Pilgrim's Progress; you're going the way round to Danger and Destruction.' You says, 'We must reorganize our various nstitutions into unity and get pensions,' and he says, 'Faith is he evidence of things not seen, see Hebrews, the Eleventh Chapter.' Do you think you can argue with Scripture quotaionses?"

"I'm afraid not, Davus; they imply a consciousness of moral

superiority which is unanswerable.'

"No," continued Davus, solemnly, "you can't beat quotaionses, and before the General Assembly, too, unless," he idded thoughtfully, "unless perhaps the ministers is getting ired of quotationses from the elders." There was a pause at his point which I did not feel inclined to break, then Davus, vho had evidently been collecting his strength, went on with resh vigour. "Best be careful, sir, as to what you say; don't ay things again as need explaining; stick to cold facts and igures; don't make fool admittances as they will turn against ou; don't put them up to anything as they wouldn't think of heirselves, leave them to their quotationses, maybe there's ione so much harm in quotationses anyway."

"You would have made a fine politician, Davus," I said ppreciatively, "still I think it best to be candid with our onstituency on this question; they should know everything.'

"At any rate," he continued, as another weakness of mine ccurred to him, "don't put no poetery in it, poetery don't cut ny ice now days. Isn't there something in them sheets you ave there about 'a voice rising from the shadows of the grave address its once familiar audiences,' and how some folks ould feel as had been using its name pretty freely?"

"I didn't mix any metaphors that way, Davus."

"Well, I'd cut it out, sir, it's poetery and it's personals both,

nd personals is jest as bad as poetery."

"Very well, Davus," I said meekly, borne down by the wincible logic of realism, "I'll cut it out, but I really felt it."

"That's just what's the matter, sir, you're too heady. Why an't you keep cool and give them a twist without showing it? ou should see how they does it in the Economics."

"I try to, I assure you, Davus."

"You see, sir, it's bad policy to show your feelings. Nobody bes it now, but always expresses his great pleasure at the ood feelings exhibited all around and the excellent tone of the bate. That's the way to do it. It don't prevent you sticking in many pins as you like. Only the Elder, he does rage like the beast in the Apocalypses, the beast with the hailstones that Dr. Macgillivray was reading to us about the other Sunday, and that's what ruins him, the Elder."

"It wasn't a beast at all, Davus, it was the angel of the seventh vial.'

"Maybe it was," Davus admitted, doubtfully, "but I didn't think angels was that sort. Any way you are near as bad as he

"Davus," I said with as much dignity as I could still assume, "I don't question the general soundness of your principles of rhetoric, but I must add that there is no more discrimination in you than in a sheep's head. I try to keep my logic as unemotional and as near to the facts as I can, and if I do take a little relief now and then in a metaphor or a poetic appeal, there is no great harm in it."

But Davus was unmovable. "It doesn't do, sir," he insisted, "it spoils the whole thing; if I was you I would cut out everything you liked best." This was too much for my patience, and like Horace I was just looking round for a stone or something, when Davus moved to the door. "Well, I washes my hands of it," he said, "there's the 12 o'clock bell and I must go and clean up the History Black Board; it's always full, that Board, and such interesting things, too, that it goes to my heart to wipe them out. But I don't understand your English synopsises, as you call them, at all." With which parting shot Davus closed the door.

ABOUT THE AUTHOR: Norman Miller, Professor Emeritus of Mathematics at Queen's, was a student during the years of "the Great Debate." He holds an M.A. (1910) and LL.D. (1961) from Queen's and a Ph.D. from Harvard. Since his retirement he has made a hobby of delving into the University's history, and several of his articles have appeared in the Review.



Dr. Ernest A. Johnson with his nurse-wife Edna and Ulysses, a West African Guenon monkey.

Eyes Right!

The saga of an itinerant ophthalmologist

Dr. Ernie Johnson wants your old eyeglasses. And he's got a good reason. In fact, he has literally millions of reasons in India, Tunisia, Nigeria and the Northwest Territories—curably blind people, people with cataracts, glaucoma and "river blindness."

Dr. Johnson, a graduate of Medicine '38 and a native of Smiths Falls, Ont., is an honorary director of Operation Eyesight, an international mission to the blind, and founder of the Alberta Eye Foundation for treatment of Indians and Eskimos in the Canadian North.

When he's home—which isn't too often since 1968—he's in Calgary, where he heads the Calgary Branch of the Queen's Alumni, is Divan of Al Azhar Temple of the Shrine, and Alberta Regent for the International College of Surgeons. He recently turned over his Johnson Eye Clinic to his partners and is embarked on a three-year break to allow time for more surgical and teaching work in developing countries, some writing, and catching up on the latest developments in medicine.

In fact, his second career as an itinerant eye surgeon began a few years ago, in 1968, when he decided to see for himself what was happening in Operation Eyesight, a project initiated by the Baptist Mission and now financed by Calgary businessmen to help the blind of India. He didn't just tour the 120-bed hospital and compare notes with fellow surgeons; he set to work and performed about 1,000 operations in a single three-month stint.

"There are more than three million curable blind people in India alone," Dr. Johnson told the Calgary Albertan recently. "Hundreds of my patients spent weeks on the road getting to the hospital (it's in Sompeta, between Calcutta and Madras). There were 800 being treated most of the time by one other doctor and myself. Only about one in seven had a bed; the rest were on the floors on mats, in tents and even in the chapel."

Most of the operations were for cataracts, and the team treated both eyes at once. Despite the risk from their patients' malnutrition and intestinal parasites, says Dr. Johnson, the incidence of complications was no greater than in a Canadian hospital. Dialects were something of a problem, though, since post-operative care had to be explained to home-going patients from many regions of India. Edna Johnson, the doctor's wife, was the only nurse who spoke English, and several of the other seven couldn't communicate even among themselves, because of dialects.

In 1970 he joined the U.S. hospital ship, the S.S. Hope, and spent three months based at Carthage, in Tunisia, teaching on shore and operating aboard. The super-equipped ship carries a staff of 150 nurses and 25 specialists on rotation. It spends about a year in one location and handles all kinds of medical problems, as well as surgery. Malnutrition was almost as common in Tunisia as in India, Dr. Johnson found.

In 1971, the doctor headed back to Africa, this time to Nigeria, where he found the need for eye care "appalling." As well as cataracts and glaucoma, and damage due to the recent Biafran war, there was a high incidence of "river blindness" (onchocerciasis), a disease spread by insects found near water areas. Dr. Johnson's prize patient on that particular tour of duty was the father of General Gowan, Nigerian head of state.

Between African tours, Dr. Johnson had conferred with ophthalmologists from around the world at a Yellowknife conference and had toured the Canadian North. Once he saw the need for eye care among both Indians and Eskimos, he formed the Alberta Eye Foundation and launched plans for a mobile health unit to carry treatment to remote settlements.

In all areas—India, Africa and the North—eye glasses are an integral part of post-operative care, and the need is greater than church missions can meet. That's why the doctor needs your old glasses. If you care to share in what has been called "a godsend" you're invited to send your rejected specs to Operation Eyesight, Box 123, Calgary, Alta.



View from the rear garden shows dining-room/assembly area added as an east wing. Promenade on right leads to renovated coach-house. Nothing will be built to spoil the profile from Union Street.

Queen's is studying plans to develop a Centre for Continuing Education at historic Roselawn, a 130-year-old limestone estate on Union St., between main and west campuses.

At the March Senate meeting, a Users' Committee proposed a Centre that would provide residence or 81, dining facilities for 100, and seminar and meeting rooms for groups of from 15 to 100. Total cost of the Centre, including \$130,000 paid for the Roselawn property, yould be \$1.4 million.

Kingston architect Andrew Connidis has designed two new tructures for the 3.3-acre site: a aree-level residential unit at the ear of the property and a ining-room/assembly-area cructure as an east wing.

Roselawn dates back to the early 840's and is built on land that twyer David John Smith bought om Queen's College in 1841. After e built his country mansion, oselawn passed through a number f private owners for more than a entury until 1948, when it was urchased as the residence for the ommandant of the National efence College. It was retained for tis purpose for 21 years until the toperty was repurchased by the Iniversity.

According to the Users' ommittee report, anticipated perating revenue could amortize

\$973,601 of the capital cost (largely for the new buildings) but the University would have to find an outside source of financing for the remaining \$423,000, since the project would not qualify for provincial grants.

"Mature people interested in continuing education have limited time in which to pursue such interests and often do so at personal sacrifice," the report stated. "Courses designed for them must often be short and quite intensive, and their accommodation must afford the maximum opportunity for concentration with the least amount of external disturbance."

A survey of present and future requirements in continuing education at Queen's showed that during an 11-week period in 1970, 2,777 persons attended 40 courses. Should the Arts and Science experiment with a third academic session this May and June prove successful and be adopted on a wider basis, space and time available for continuing education on the main campus would be restricted.

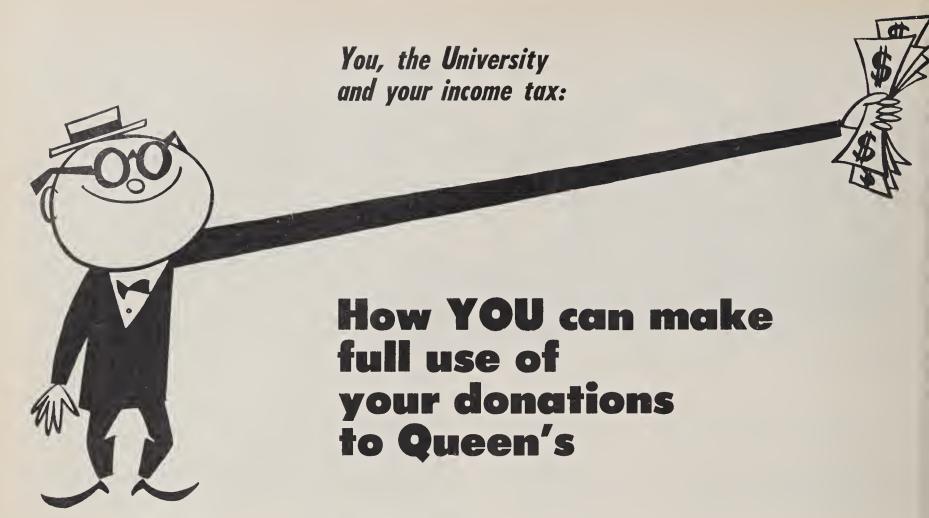
The report stressed that "two objectives can be achieved by the development of Roselawn: preservation of a fine example of early Canadian architecture and the creation of a new and significant service to the community."

Roselawn reborn

To meet the new demand for continuing education

Queen's has everything but a setting for comfortable concentration.

Roselawn could be the answer.



By C.T. Asplund

It is bad enough trying to cope with the inevitability of taxes. When one has to add to inevitability the measure of uncertainty about taxes that Canadians currently contend with, the potent combination is staggering indeed.

Like the condemned man who took his mind from his troubles by asking the hangman to demonstrate how the trap door on the scaffolding operated, it is sometimes comforting for a taxpayer to enquire about matters of operational detail. There aren't too many pleasant details kicking around the income tax. But we all enjoy a good deduction every now and then, so let's talk about deductions.

In view of the frequent solicitations a university must make for alumni financial support, it is important to note that beginning on January 1, 1972, a taxpayer will be able to take a substantially larger deduction for contributions to universities and charitable institutions. The limit on the amount of deductible charitable expenses allowed for income tax purposes has been increased to 20 percent of the taxpayer's net income.

Further, to the extent that donations are in excess of the 20 percent limit, they can be carried forward and claimed as a deduction in the next taxation year—subject, of course, to the 20 percent limitation in that year as well.

Thus, if my yearly income for each of 1972 and 1973 is \$20,000, it would be possible for me to make a donation of \$8,000 in 1972. I would be able to deduct 20 percent of \$20,000 (or \$4,000) in 1972, reducing my

income to \$16,000 for the year. In 1973 I could deduct the remaining \$4,000 of my \$8,000 contribution from my 1973 income, since it does not exceed 20 percent of my income, in that year. If I did wish to make a contribution of, say, \$2,000 in 1973, I would be able to carry that deduction to 1974 and deduct it, as long as it did not exceed 20 percent of my 1974 income.

In other words, I am able to make a relatively sizable lump sum gift, without losing the advantage of an income tax deduction.

The deduction itself is easy enough to cope with if the donor can afford it and the gift is a gift of cash. The entire matter becomes a little more complicated and interesting if the gift is not cash. The Tax Appeal Board has decided that the value of gifts in "kind" can be deducted as charitable donations. The prudent donor should note, however, that a sale of property to a charitable organization for a bargain price will probably not give the taxpayer a deduction for the amount of the bargain.

The first problem of a charitable non-cash gift is the problem of valuation; i.e., what is the gift worth? The standard basis of valuation in tax matters is "fair market value," or the amount a willing buyer would pay to a willing seller in an ordinary market situation. For gifts of publicly traded securities, the standard is easily applied. But other types of property are not so easily dealt with.

For example, what of a man who owns a painting, said to be an original Rembrandt, which he wishes to donate to a university art gallery? Two experts declare i

genuine, two experts declare it a forgery and two experts refuse to give an opinion. If the painting is genuine, it should be worth \$1 million; but if it is not genuine it might be worth \$100. We can assume that, on the market, "hope" is worth something, and the painting might be sold to someone willing to take a chance for \$100,000. It is interesting to conjecture what might happen if the benefactor gave the painting and successfully claimed a deduction of \$100,000 and thereafter, in preparing the canvas for showing, the curator discovered that the painting was not genuine and the gift was really worth only \$100.

The donation of items such as libraries, personal papers, unique artifacts, collections, curiosities, and a multitude of property items which are likely to be donated to universities or museums because of the value of their rarity or uniqueness, present many such conundrums to evaluators.

The advent of a "capital gains tax" in Canada has created a new complication for charitable donations. The new tax legislation levies a tax on capital gains whenever such gains are "realized." Usually, this realization comes when an item of capital property is sold and the seller is paid its value. His capital gain will be the difference between what he paid for the property and the amount he receives from the sale.

However, a realization can arise in other circumstances. Most notably, there is a realization and a potential capital gain when an item of capital property is given away by the owner. The capital gain would arise if the "fair market value" of the gift when given were greater than the price which the owner paid for it.

The law provides that the taxpayer must include one-half of all capital gains in his income. Of course, he can also deduct one-half of his capital losses within limits.

To explain this process, consider Alfred Alumnus who owns a piece of land which he bought for \$10,000 after January 1, 1972. If he sells it for \$20,000, he has \$5,000 (half of the \$10,000 profit) more income on which to pay tax. If he donates the land to Queen's University, he still has \$5,000 more income; but he has a potential charitable deduction of \$10,000 if that amount falls within the 20 percent limit.

The problems of realization and valuation create an interesting prospect for the use of stock options and charitable donations. The tax advantage of stock options has diminished considerably in the last few years. Under the new law the holder of a stock option will be taxable, as before, when the option is exercised. He will be taxable on the full difference between the option price and the market value of the stock at that time. This income can be spread like any extraordinary ncome pursuant to the forward averaging provisions in the new tax law. But that produces only a slight tax saving.

It has been suggested that if a taxpayer has an

unexercised stock option, and a desire to benefit a charitable institution, he might consider the mutual benefit of donating the stock option. To illustrate, let's assume that Albert Alumnus has an option to buy shares worth \$20,000 for the bargain price of \$10,000. He is not anxious to exercise the option, because it will mean an extra \$10,000 of non-cash income, with an increase in both his total tax bill and his tax bracket. Presumably, he can exercise the option and donate the shares to the charitable institution (within his 20 percent limit) for a net set-off (i.e. \$10,000 of income minus a \$10,000 deduction).

However, he might consider assigning his stock option to the charitable institution as a gift. By doing so, he has received no income under the provisions taxing stock options. And the market value of the stock option is, undoubtedly, \$10,000 or the amount a willing purchaser would pay for the option. This amount he can deduct as a charitable gift. Thus, without laying down a single penny he has reduced his net income, and probably his tax bracket. This is a considerable advantage over the set-off of income and deduction described in the first instance. In each instance, his benefit to charity has been the same.

But in successfully mitigating the inevitable with such a plan, we must put up with the uncertain, for the full success of such a procedure depends on notable contingencies. However, such a plan does suggest ways in which a taxpayer can make full and helpful use of his charitable donations.

C.T. Asplund is Associate Professor in the Faculty of Law.



Without laying down a penny, you may be able to reduce your net income—and probably your tax bracket

Around the Campus



DOUBLE-EDGED RECEPTION FOR DAVIS

The day McArthur Hall officially opened, May 2, about 200 students paraded from the main campus to protest the Davis government's steep raises in graduate fees. Education student president, Brian Duplante, was loudly cheered for his remarks from the platform on the irony of opening McArthur's doors when Ontario was closing the doors of its schools against new teachers. (Only one in five had a job at the time.) "Would you want to come here for eight months for no job?" asked one placard. Others read: "Bill Bustus, the Fee Fiddler," "Davis Robs Students to Buy Jet," "Pick our Brains, not our Pockets" and "We Bear the Bill." Smiling through it all, the Premier hinted at some relief measures for graduate students. Three days later more bursaries and allowances for teaching assistants were announced. Grad students and prospective teachers are still angry. They tell why in the next issue of the Review.

First-year applications down 7% in Ontario

Instead of expected increases in first-year registration in 1972, there may be a decrease of between seven and eight percent over the Province of Ontario. Numbers of applications at some universities are fully 27 percent below figures for this time last spring. Though Queen's is not likely in danger of failing to meet its quota, trends indicate keen competition among the universities for first-year students.

A decline in enrolment is also expected in Western Canada as well as in the East, according to the Queen's Principal. He also notes that "a pattern of considerable significance might be emerging."

An obvious shift in interest at Queen's from Arts to Science is not yet strongly reflected at other universities.

Faculty shapes courses into new programs

Without adding any new courses, the Faculty of Arts and Science will be offering several new groupings in 1972-73. Two are special field programs—an Honours B.A. in Social Behaviour (concentrations in sociology and psychology) and an Honours B.A. in Culture Change (concentrations in sociology, geography and psychology). Others are Honours B.Sc.'s in Computing Science and Physics, Chemical Physics, Chemistry and Mathematics and Chemistry and Biology. Senate also approved a seven-course medial in Classical Studies and a major in Drama.

Health Sciences: Ontario digs into its pocket; Queen's digs into campus

Queen's and the affiliated hospitals (known collectively as QUAFHOP) involved in Kingston's proposed Health Sciences Complex finally have government approval for their \$106-million construction budget.

The complex will be managed by a newly constituted board with four representatives from Queen's, three each from Kingston General and Hotel Dieu hospitals, and two each from Kingston Psychiatric Hospital, St. Mary's of the Lake, and St. Lawrence College.

Of the \$106 million the complex will cost, about \$80 million will come from the Ontario Health Resources Development Fund (half federal and half provincial money), and the rest will come from the Ontario government, a community fund drive (which must raise \$2.5 million), Queen's and the hospitals (\$2 million), and from lands and

buildings already owned by member institutions.

Construction will be in three phases, with the first scheduled for completion in 1975 at a cost of \$15 million. It will centre on facilities shared by Queen's and K.G.H. and will include a \$3.5-million rehabilitation centre, a \$2-million outpatient clinic, plus accommodation for life sciences and animal care. Digging has already begun for the first step—a 600-car parking garage under the lower campus. Another part of the first phase is a \$5.5-million wing for St. Mary's of the Lake, to start in July.

Phase two (\$31 million) includes redevelopment of K.G.H. itself plus a medical library. Target date is 1978. Phase three consists of buildings to be added later, plus construction and expansion at other sites, such as Hotel Dieu.

Real identity of Frederick Philip Grove exposed in world scoop for the Quarterly

Queen's Quarterly has scooped the world's press.

The accolade was accorded by book review editor William French of the *Globe and Mail* in an April column headed "Grove Exposed."

"One of the more intriguing puzzles of Canadian literature, the true identity of novelist Frederick Philip Grove, has apparently been solved," he said, bringing to an end what has probably been "the longest and most dedicated literary detective hunt in the annals of Canadian letters."

Grove's best-known novel is Master of the Mill. His 1946 autobiography In Search of Myself (mostly spurious) won a Governor-General's Award.

Details of Grove's origins and early life, concocted by himself for some yet unknown reason, have

been scholarly puzzles since his death in 1948 and have pried loose many sleuths for sabbatical leaves from their routines in Canada's English Departments. One such literary detective is Prof. Douglas Spettigue of Queen's, who tells all in the Spring issue of The Queen's Quarterly. The details of Grove's "cover" are worth reading in full and would probably be of particular interest to alumni in Manitoba or the Simcoe area of Ontario. In brief, the Quarterly article shows that "the first Canadian to achieve something like classic stature in Canadian fiction" was, in fact, German.

Professor Spettigue is on sabbatical in Europe, and the *Quarterly* hopes to publish further pieces of the Grove puzzle as research fills in the gaps.



Barry Brooker

Will coach Canada's Olympic gymnasts

Queen's gymnastics coach and phys ed lecturer, Barry Brooker, has been named coach of Canada's national gymnastics team, which will be chosen this summer to compete in the Olympics in Munich in August.

Brooker, 30, is a former Olympian gymnast and has been on Queen's staff just two years. "During this time," says the *Queen's Journal*, "the quality of gymnastics competition here has improved by several orders of magnitude." His ambition is to have a Canadian team ready to win a medal by the time they hit the 1976 Olympics in Montreal.



Dr. G. Bessette

French professor's new novel acclaimed

Prof. Gérard Bessette of the French Department has been awarded one of six Governor-General's Literary Awards for his 1971 novel *Le cycle*. Dr. Bessette won an earlier award for his 1965 novel *L'incubation*.

Around the Campus



Dean Webster returning to full-time teaching

Prof. T. Stewart Webster is resigning this month as Dean of Student Affairs. He will return to full-time teaching duties in the History Department following a year's sabbatical leave in France to pursue his interests in the Revolutionary period.

Professor Webster came to Queen's from the University of Manitoba in 1966 and has served as Dean of Student Affairs ever since.

Queen's supporting city's Drug Centre

Queen's has become a key supporter of a new drug information and referral centre which opened this spring in Kingston. The centre is financed by an \$8,000 federal grant (Local Initiatives Program) and managed by a board which represents Queen's, K.G.H., St. Lawrence College, correctional institutions and the legal aid office.

Alan Broadbent, Rector of Queen's, is chairman of the board. Co-ordinator Paul Foudy, a student in the Faculty of Education, is assisted by field-worker Bob Greer, a parolee and former addict.

The Centre was officially opened by Rev. Ron Smeaton, B.D. '63, who said, "People who say there is no drug abuse problem in the city are themselves the core of the problem."

Commerce Society shifting its emphasis

The Queen's Commerce Society has decided to put more emphasis on building up the status and image of the School of Business in the Canadian business community. According to Commerce President John Telgann, "The Society will continue to offer social events (the Formal, barn parties and pub nights), but greater emphasis will be placed on better relations with alumni and business leaders." The School needs such people, he added, for guidance in curriculum, placement and scholarship.



Kingston area P.C.'s back Flora MacDonald

The Progressive Conservatives of Kingston and the Islands, well supported by Women's Lib elements, have chosen Flora MacDonald to take up party cudgels against Liberal M.P. Edgar Benson, Minister of Defence, in the next federal election.

Miss MacDonald, an administrative officer in the Department of Political Studies, is on leave this term as the first woman civilian invited to study at the National Defence College. She was national secretary of the Progressive Conservative Party during the Diefenbaker years and is a founding member of the Committee for an Independent Canada.

Off-campus courses cut back even further

Queen's long tradition of extension courses continues to narrow—at least on a geographical basis.

Courses in Peterborough, Port Hope and Oshawa are likely to be cancelled for 1972, due largely to the development of Trent and York Universities and Scarborough College. The establishment of Laurentian and Lakehead Universities similarly reduced the need for Queen's courses in the north.

Both Carleton and Ottawa Universities have expanded adult education in the Ottawa Valley, and the University of Ottawa now has summer school in Cornwall.

In an attempt to delineate an area which may be effectively served through extension courses, the Faculty of Arts and Science asked the Senate in March to confine offerings of off-campus night and tutorial classes to the Brockville, Belleville and Madoc areas. More than half the present registrants in Extension live within 100 miles of Kingston.

"Brad" saluted on official retirement

At an official retirement dinner held recently, Queen's officials paid tribute in gifts, speeches and letters to A.M. Bradburn. He came to Tech Supplies as book-keeper in 1929 and retired as one of the country's most respected bookstore managers in 1971.



A.M. (Brad) Bradburn



Dr. Malcolm Baines

Rockefeller Foundation backs \$48,000 project

The Rockefeller Foundation of New York has made available almost \$48,000 for a three-year basic science research project at Queen's. The research, to begin in January 1973, will deal with reproductive biology and will be under the supervision of the Department of Obstetrics and Gynaecology.

The research position will be filled by Dr. Malcolm Baines, B.Sc. (Arts)'65, M.Sc.'68, Ph.D.'70, who is now with the Immunology Unit at the University of Edinburgh.

Alumni Membership Cards Available

Attractive Alumni
Membership cards are
available from the Alumni
Office, on request, to any
alumnus or alumna who
wishes to have one.

The handsome gold cards with blue lettering and the Queen's crest were designed by Peter Dorn, Director of Graphics at Queen's. A sunny summer view of Grant Hall appears on the back.

Requests for cards should be directed to the Field Secretary, Queen's Alumni Association, Queen's University.

McLaughlin records presented to Archives

A portion of the records of the Robert McLaughlin Oshawa Carriage Works has been presented to the University's Archives through the good offices of J.D. Mintline, vice-president and finance manager, General Motors of Canada. The actual transfer was made on the occasion of a visit to General Motors' Oshawa plant by a class of M.B.A. students in March.

The Carriage Works records span a period from 1875 to 1918, when McLaughlin's carriage business was in its heyday and the McLaughlin automobile was beginning to come into its own. Dealing as it does with the rapid expansion and daring innovations of a Canadian manufacturer, the collection represents a valuable addition to the Archives' business papers.

Substantial support for cancer research division

The National Cancer Institute has made a grant of \$179,390 to Queen's Pathology Department, which now has a division of cancer research.

The grant, part of a \$1.6-million allocation to Ontario scientists, is in several blocks. Under the direction of Dr. Nathan Kaufman, head of Pathology, \$116,000 will be spent for special cell studies. A further \$63,550 will go into related projects involving the departments of Biochemistry, Microbiology and Immunology, plus Pathology.

Look at over-riding problems, says A.M.S.

The Senate Committee on Academic Development is investigating the possibility of interdisciplinary courses to deal with "over-riding problems of human existence that transcend disciplinary boundaries"—conflict, poverty, population, resources, etc. The motion to launch the study was made by A.M.S. President Greg LeBlanc.



The graduates listed alphabetically below are in the "current address unknown" category. If you have any information about the whereabouts of these former students or news of any deaths, it will be appreciated by the Alumni Office, Queen's University, Kingston, Ont.

Graham, Dr. Charles R., B.A. 1908, M.D. Gray, William Ross, B.A. 1946 (fall) Hancock, Eli Howard, B.A. 1912 Hart, Donald Earl, B.Sc. 1949 Hastings, Frances M., B.A. 1922 Heap, Rev. Daniel James Macdonnell, B.A. 1948 Heath, Byron Roy, B.A. 1937 (fall) Hoch, Mrs. Norman F. (Wanda Ethel Morris), B.A. 1937 Hodgkinson, Rev. John, B.A. 1913 Johnston, Dr. George H., B.A. 1913, M.D. Kenney, Dr. Athol Stewart, M.D.C.M. 1933 Kuta, Eugenia, B.A. 1947 Lawler, Dr. Vincent Thomas, M.B. 1913 Lewis, Arthur Lynn, B.Sc. 1912 Lewis, John Ackart, B.Com. 1937 (fall) MacDiarmid, John, B.A. 1912 MacIntosh, Ian F., B.A. 1937 Marcellus, Jeremiah Ernest, B.A. 1912, Hon. B.A. 1930 McGregor, Stuart E., B.Sc. 1912 McLean, Viola B., B.A. 1922 Mintz, David, B.A. 1946 Pallitti, Victor Howard, B.A. 1946 (fall) Powlesland, Miss Anne Louise, B.A. 1967, B.P.H.E. 1968 Pratt, Nancy Elizabeth, B.A. 1968 Progar, Edward Henry, B.Sc. 1968 Quirt, George Stewart, B.Sc. (Arts) 1968 Rush, Jerome Brian, B.A. 1968 (fall) Rice, Garfield T., B.Sc. 1912 Saxby, John Courtney, B.A. 1969 Scarffe, Mrs. John Howard (Mary Frances Johnston), B.A. 1950 Serson, A. VanLuven, B.A. 1921 Sherwood, William Frederick, B.A. 1947 Shorting, Graham Anthony, B.A. 1969 Shortt, Robert Donald, B.A. 1970

You probably haven't noticed yet, but Queen's is watching

Your Ecolibrium



ow's the water at your cottage the last couple of years? Has mercury taken the fun out of your fishing? Can your boat cut through the algae in August? Do you find you're more bugged by bugs but hate to use an insecticide? Has garbage disposal become a key concern in your community? Have you noticed how much dirt comes down with the rain lately? Do you sneeze and itch more? Do you think Queen's cares?

Definitely.

Queen's is not among the universities that have rushed into a formal institutional structure in the environmental area, but a number of interdisciplinary research projects are well under way. Anatomists and chemists have teamed up, for example. So have chemical and civil engineers, biologists and geographers. The largest number of projects currently involve anatomy, chemistry, chemical engineering, geological science and geography, but there is environment-related research going on in the departments of Civil Engineering, Psychology, Pathology, and Microbiology and Immunology, and at Queen's biology research station at Lake Opinicon.

Back in 1968, campus geologists defined four major areas of research activity they would undertake—marine geology, environmental geology, crustal geology and mineral deposits. Since then they have developed facilities for the analyses of water, sediment, soil, minerals and rocks using, in essence, X-ray fluorescence methods, photometric analysis, optical spectrography and atomic absorption. The University's new scanning electron microscope (see page XX) will greatly enhance the scope of these other facilities.

In addition, the department has sedimentalogical laboratories suitable for various types of particle analysis and in future will benefit from Queen's new partnership in the Huntsman Marine Laboratories in New Brunswick (see January-February issue).

The Department of Anatomy's environment research is concerned mostly with the effects of chemicals on cell processes in fish, cattle and man, particularly the developing human foetus. For example, the anatomists are doing histological and electron-microscopic studies of the alimentary tract of fish feeding at various levels in Ontario lakes—studies which are of basic significance to those concerned with the pollution of the province's lakes and the stocking of fish in them. Another project will be of particular value to cattle-raisers in the seleniferous—plant growing areas of the prairie provinces.

The Biology Department is involved in about 10 projects related to environmental quality. Among them are non-lethal insecticide effects on aspects of teleost fish physiology and behaviour; conditions affecting growth of algae and size of algal populations; nutrient cycle in lakes; factors affecting fish populations in Lake Opinicon; control of insects without insecticides; and studies of soil fauna.

Other projects raise such questions as: To what degree can the environment deteriorate before a given species is completely excluded? At what rate do equilibrium patterns of ecosystems re-establish themselves after disturbance? Which factors control rates of population density increase and decrease for specific species in the ecosystem?

The biologists have put their heads together with geologists for work on aspects of physical erosion and the deposit of sediments in the basins and watersheds of Eastern Ontario.

The Department of Chemical Engineering is concentrating its research efforts on solving the problems of industrial wastes and water purification. One project is the development of a solid-waste

reclamation demonstration and development unit for Kingston or any other city of similar size.

They are also investigating the composting of muncipal refuse and sewage sludge, the joint handling of sewage and municipal refuse in preliminary physical treatment, treatment disposal of backwash water and sludges from municipal water purification plants, the microbial ecology of selected lakes, and the effects of certain industrial wastes on the settling behaviour of activated sludge.

The chemical engineers also hope to find out if microbiological denitrification will remove nitrate from industrial wastes, and how much toxicity there is in anaerobic digestion of organic wastes. They'll test biological denitrification of industrial wastes containing nitrate, using anaerobic packed beds.

A member of the department who is an expert on recycling, Dr. Reginald H. Clark, along with his confrère from Mineralogy, Dr. Jim Brown, have been negotiating with the City of Kingston about a waste reclamation plant. The location of such a facility in the city would offer Queen's a unique opportunity for research and development work in solid waste disposal. At present, the researchers have four labs to work in, with approximately \$40,000 worth of equipment and 2,000 sq. ft. of space.

The Department of Chemistry has about 10 investigations under way, using their relatively new spectrometer as a major tool. Queen's chemists are checking the thermoelectric potentials of seawater; Soret separation of cations in sea water by thermogravitation; and the effect of polysaccharides of a seaweed (Ptilota plumosa).

They're having a hard look at the enzymes in commercial detergents and their long-term effects on soil carbohydrates. They're hoping to help the pulp and paper industry through vanillin chemistry; that is, they may be able to produce useful vanillin derivations from lignin and at the same time get rid of the lignin which is the source of most of the industry's pollution problems.

Particular emphasis is being given by the chemistry experts to the application of chemical electron spin resonance spectroscopy to environmental problems—e.g., the possible use of metal particulates to reduce the reactivity of air pollutants, and photosensitized oxidation of water.

In the Department of Civil Engineering, work has focused on an invention called the Vortex Clarifier, which removes fine sediment and oil from water. It is basically a novel design of centrifuge with high hydraulic capacity and low power consumption, and it's hoped that this new tool will provide more efficient and economical treatment of both sewage and industrial waste. Tests on the commercial prototype have been most promising.

Future research in this department will consist largely of expanding the uses of the Vortex Clarifier and

providing assistance for its application to field problems.

In the Department of Microbiology and Immunology, experiments connected mainly with the mechanisms of comparative immunology (so crucial to successful human organ transplants) have led to a bonus ecological spin-off. The study of immunity mechanisms in insects reacting to a variety of microbial pathogens is expected to shed light on problems associated with the biological control of insects. Any future research effort in this department is pledged to microbial pollutants of air, water and soil.

Queen's pathologists have one basic investigation under way—toxic pneumonitis, or lung disease attributable to poisonous substances in the atmosphere.

Even the psychiatrists and psychologists are edging into the ecosystem. In a recent lecture, Dr. J. Berry reported on ecological factors in the response of Cree Indians to social change in the James Bay area.

Overall, the University's efforts to date have been impressive enough to merit the appointment of several staff members to the joint Canadian-American program called International Field Year for the Great Lakes. This \$15-million program was announced last January in Washington, D.C., and began officially on April 1. It will unite the efforts of more than 600 scientists and technicians on both sides of the border.

One of them is Dr. W.A. Gorman of the Department of Geological Sciences, who will head a study of area problems of water supply and sewage treatment. According to Joseph MacDowall, co-ordinator of scientific studies on the Canadian side, Eastern Ontario has a thin cover of soil over impermeable rock. "Often, sewage leaks into bedrock cracks and gets into the groundwater and the wells. Dr. Gorman will study in detail where the water goes, in particular how much permeates through to groundwater. We will learn how much effluent can be dumped without creating well problems, and he will also suggest suitable procedures to improve the quantity and the quality of groundwater supply."

Such research will simply be an extension of a groundwater research project already in progress in the Department of Geological Science.

All this effort at Queen's, plus related studies at other universities and in the R & D laboratories of industry, will make few, if any, headlines in your daily paper. But most of these experiments will add a block of knowledge—some big, some very small—to man's fast-accumulating awareness of his own threat to his environment.

It won't be overnight, but hopefully sooner than you think, that there'll be no more detergent bubbles in the old mill stream. Sorting your garbage into glass, paper and organic materials will have become second nature. You'll be breathing more easily, literally and figuratively, for if all goes well, you'll no longer be an endangered species.

At the Branches

WESTERN BRANCH TOUR

During the period March 12 - 21, the Rev. Dr. A.M. Laverty, University Chaplain, visited Western alumni branches in Winnipeg, Regina, Calgary, Edmonton, Trail, Vancouver and Victoria—representing a total alumni population of approximately 1,350 persons. These meetings were arranged to coincide with visits by the Padre to various secondary schools in the above areas.

Receptions were organized by branch executives in each location, and the Padre, who brought news of Queen's, was warmly received and greatly enjoyed by all.

MONTREAL MEDAL TO J. ALEX EDMISON

J. Alex Edmison, Q.C., was the recipient of the Montreal Medal "for meritorious contribution to the honour of Queen's" at a reception held in his honour at the Airport Hilton on April 21. Presentation of the medal was made on behalf of the Montreal Branch by Senator H.



A relaxed moment in Montreal: medalwinner Alex Edmison with long-time friend, Senator Goldenberg.

Carl Goldenberg, a friend of long standing.

Mr. Edmison, whose ties with Queen's go back to the 1860's, spoke of the many reasons why the University has always meant so much to him, including the permanent presidency of the Class of Arts '26 and a 10-year stint as assistant to the Principal.

Present for the happy occasion were Mrs. Edmison and three daughters: Joan, wife of Stan Trzop, Sc. '58; Elizabeth, Mrs. D.J. Panton, Arts '60; and Nan, Arts '72. Among the contingent from Queen's were the Principal, Dr. John J. Deutsch, Vice-Principal J.M. Courtright, and the Rev. Dr. A.M. Laverty, Chaplain.

Mr. Edmison had been president of the branch when the Montreal Medal was introduced in 1939. On his executive were Claude Root, Arts '19, and G.R. Maybee, Sc. '25, Arts '27, designer of the medal. Both were present for the 1972 ceremony.

Master of ceremonies was John Chance, Arts '49, who read telegrams and good wishes sent in by a score of Mr. Edmison's friends.

RAY BISSELL RECEIVES FIRST HAMILTON MEDAL

On Tuesday, April 11, Ray Bissell, who graduated with a B.Sc. degree in metallurgy in 1928, became the first recipient of the Hamilton Medal at a dinner of the Hamilton Alumni Association, held in the Sheraton Connaught Hotel. Mr. Bissell was presented for the medal by Dr. Hugo T. Ewart. H.J. Lush

was chairman.

Mr. Bissell worked with the International Nickel Co. at Coppercliff after graduation, moving on in 1931 to C-I-L in Montreal. When C-I-L established its Kingston plant in the '40's, he moved there to become sales manager. In 1946 he took over the Vi-Tone Co. in Hamilton and operated it till 1962. At present, he is chairman of the Hamilton Housing Authority.

He has been a strong alumni supporter, and over the years has served as branch president in Montreal and Hamilton, director of the General Alumni Association, and a member of the University Council. He has been active, as well, in a large number of charitable and cultural organizations, notably the Hamilton and District Epilepsy Association and the Hamilton Philharmonic Orchestra.

A capacity audience of 200 alumni, alumnae and friends demonstrated the esteem in which



Received at last: pictorial proof that Dr. J.A. Corry received the Hammett Medal of the New York Society from Mrs. John E. Hammett. Presentation took place at the Williams Club, N.Y.C., last October.



Ray Bissell, left, a metallurgy graduate of 1928, alumni supporter and civic leader, became the first recipient of the Hamilton Medal when the Hamilton Alumni held its annual dinner April 11. With him are H.J. Lush, chairman of the event, and Queen's Principal, Dr. John J. Deutsch.

Mr. Bissell is held by fellow Hamiltonians and Queen's people.

Mrs. Bissell (Marjorie Dowsley), Arts '29, was presented with a book of autographs of all the alumni who attended the dinner, by Miss Evelina Thompson, past president of the Alumni Association.

HERE AND THERE

April Fools' Day was the choice of the Porcupine-Timmins Branch for a curling party at the McIntyre Curling Club in Schumacher. . . Guelph Alumni held their spring banquet and meeting on April 12, with the Rev. Dr. A.M. (Padre) Laverty as special guest and speaker. . . The Ottawa Branch hosted an enjoyable wine and cheese party on April 22 at the Faculty Club, Carleton University. . . London Alumnae held a spring luncheon on April 29 at the Grosvenor Club. An exhibit and discussion of Indian arts and crafts was presented by Mr. and Mrs. Irwin Crisjohn.

Mrs. Margaret Scrivener, M.P.P.

for St. David, spoke to the Toronto alumnae at a spring luncheon in the new Hyatt Regency Hotel on May 6. . . The annual dinner meeting of the London alumni was held on May 11 at the Highland Golf and Country Club. Guest speaker was Murray Gill, Field Secretary, who brought news of current events on campus. . . Smiths Falls alumnae held their spring meeting on May 17. Dr. T. Stewart Webster, retiring Dean of Student Affairs, spoke on the theme "Queen's Students in the '70's."

NEW BRANCH PRESIDENTS

Congratulations to Allan M.
Moore, B.Com. '50, Winnipeg; John
G. Chance, B.A. '48, Montreal;
Peter R. Hayden, B.Com. '61,
Toronto; and Laird J. Rasmussen,
LL.B. '64, Ottawa, recently elected
to the presidency of their respective
Alumni branches for the coming
year.

Congratulations also to Mrs. R.F. Maudsley (Mary Shepherd), Arts '61, who took over the reins of the Hamilton Alumnae recently.

Newly elected alumni seated on the council

Sixteen graduates have been elected to the University Council for six-year terms—April 20, 1972 to April 20, 1978. They are DIANA BLAKE, B.A., B.L.S., Kingston, Ont.; GEORGE T. CARSON, M.D., C.M., F.R.C.O.G., C.R.C.S., Ottawa, Ont.; JAMES CHARTERS, M.D., C.M., Hamilton, Ont.; W.G. CUNNINGHAM, B.A., Q.C., Kingston; MERVIN DAUB, B.Comm., M.B.A., Ph.D., Kingston; Y.O. FORTIER, M.Sc., Ph.D., Ottawa; H.J. HAMILTON, B.A., Kingston; DAVID D. HAUN, B.SC., M.A.SC., Calgary, Alta.; ERIC JORGENSEN, B.sc., Don Mills, Ont.; MRS. PATRICIA LAMBERT, B.A., Mississauga, Ont.; K.R. MacGREGOR, E.D., B.Sc., F.S.A., F.C.I.A., Waterloo, Ont.; W. CRAIG MOFFATT, B.Sc., M.Sc., Sc.D., Kingston; ROBERT J. PERRY, B.A., M.D., F.R.C.S.(C.), Kingston; STEWART A. SEARLE, B.Comm., Winnipeg, Man.; IAN STEWART, B.A., M.A., Ph.D., Ottawa; and R.M. WOOD, B.Sc., Galt, Ont.

Mrs. Barbara Rogers, B.Comm., B.A., Montreal, was appointed by the Executive to fill a vacancy.

Letter

Parry Sound, Ont.

Dear Sir:

In my article on Don Brunton (March-April issue) there should have been some mention of Ding McGill.

The names "Cooch" McMaster and "Pappy" McKean were invented and made to stick by the ebullient "Ding" McGill, Hugh F. McGill, now manager of the Gypsum, Lime and Alabastene Co., North Surrey, B.C.

Ding was a character, if I ever saw one.

Sincerely, Fleetwood K. (Pappy) McKean, Sc. '40.

Names in the News

Births

Abrams—To Richard Abrams, Arts '71, and Mrs. Abrams (Nancy D. Scott), Arts '62, Gananoque, Ont., April 7, a son (David Scott), brother for Jonathan.

Adams—To Daniel F. Adams, Arts '69, Ed. '69, and Mrs. Adams (O. Jane Emmett), Arts '69, Ed. '69, Ottawa, Ont., January 16, a daughter (Andrea).

Arbuckle—To J. Edwin Arbuckle and Mrs. Arbuckle (Vivian Gillespie), Arts '63, Mississauga, Ont., April 12, 1971, a daughter (Caroline Anne), sister for Bruce and Alison.

Baker—To David Lee Baker, Sc. '62, and Mrs. Baker, Loretteville, Que., October 31, 1971, a daughter (Margaret Mary). She joins Alexander 4, and Robert 3.

Barnabe—To Jeffrey Barnabe and Mrs. Barnabe (Janet Strome), B.Sc. (Arts) '65, Ottawa, Ont., March 26, a son.

Bell—To William Bell, Arts '72, and Mrs. Bell (Viki Bell), Arts '71, Calgary, Alta., February 8, a son (Robert Thomas Garry). Mr. and Mrs. Bell reside at 3520 31 St. N.W., #608 Campus Towers, Calgary 44, Alta.

Bertrand—To Douglas Bertrand, Sc. '66 (M.B.A., Western), and Mrs. Bertram (Sheryl MacGregor), Arts '67, Montreal, Que., January 25, a son (Blair Douglas). Mr. and Mrs. Bertrand reside at 463 Wolseley Ave. N., Montreal West 264, Que.

Bradley—To Dr. Kenneth Bradley, Arts '62, Med. '63, and Mrs. Bradley (Harriet McNichol), B.Sc. (Arts) '62, Etobicoke, Ont., March 7, a son (Colin Bueth).

Bryson—To Robert C. Bryson and Mrs. Bryson (Linda R. Nash), Arts '68, Winnipeg, Man., October 1, 1971, a daughter (Jennifer Elizabeth). Mr. and Mrs. Bryson are residing at 113C Sabre Cresc., Winnipeg, Man.

Burra—To Prakash Burra and Mrs. Burra (Carol Allison), Arts '68 (M.S.W., Waterloo). Kingston, Ont., March 10, a son (Krishna Arun).

Cameron-To Ralph D. Cameron and Mrs.

Cameron (Marilyn E. Ferguson), Arts '62, Ottawa, Ont., February 22, a son (Paul Charles), brother for Julia and Laura.

Carnegie—To Bob Carnegie, Arts '61, P.H.E. '62 (M.A., Michigan), and Mrs. Carnegie, Kingston, Ont., March 19, a daughter (Lee Ann Jayne), sister for Robbie and Timmie.

Ciccarelli—To Terry Ciccarelli and Mrs. Ciccarelli (Sharon Stockton), N.Sc. '68, West Hill, Ont., November 24, 1971, a daughter (Lisa Adele).

Cook—To Donald G. Cook, Sc. '62, M.Sc. '66, Ph.D. '68, and Mrs. Cook, Calgary, Alta., February 21, a son (Jason Mahkwi).

De Jager—To Dr. Nathan S.T. De Jager, Med. '71 (B.Sc., Trent), and Mrs. De Jager, Kingston, Ont., March 21, a son (Peter Salomon Christopher).

Diening—To Ton Diening, Sc. '68, and Mrs. Diening (Susan J. Fettes), Arts '70, Cold Lake, Alta., March 13, a son (Joseph August Anthony).

Dixon—Dr. William S. Dixon and Mrs. Dixon (Sylvia Bell), Arts '63, Toronto, Ont., March 24, a son (John Robert), brother for Ross

Dobiech—To Henry J. Dobiech, Arts '70, and Mrs. Dobiech, Kingston, Ont., March 13, a son (Steven Henry).

Dolezal—To Peter Dolezal, Arts '66, M.B.A. '67, and Mrs. Dolezal (Gaye Cuff), Arts '66, Fort McMurray, Alta., August 1, 1971, a son, brother for Mark, Kimberley and Katherine. The Dolezal's reside at 16 Crescent Heights in Fort McMurray, Alta., where Mr. Dolezal is manager, industrial relations, for Great Canadian Oil Sands Ltd.

Dunlap—To Dr. David Dunlap, Med. '62, and Mrs. Dunlap, Kingston, Ont., March 7, a son (Charles David).

Evans—To Douglas Evans, Sc. '66, and Mrs. Evans, London, Ont., December 1, 1971, a daughter (Ann Elizabeth). Mr. and Mrs. Evans reside at 1528 Roland Court, London, Ont.

Formanek—To Stanley J. Formanek and Mrs. Formanek (Janet E. Pickering), Arts '65, Ottawa, Ont., February 25, a daughter (Laura Carolyn).

Gardian—To William Gardian, Sc. '66, and Mrs. Gardian, Sault Ste. Marie, Ont., September 26, 1971, a son (Christopher William).

Goodman—To Gary P. Goodman, Sc. '65, and Mrs. Goodman (K.G.H.), Toronto, Ont., May 22, 1971, a son (Timothy Scott), brother for Laura Joanne and Peter Stewart.

Hawkins—To Thomas R. Hawkins, Arts '64, and Mrs. Hawkins (Nancy Candow), Arts '63, Toronto, Ont., March 16, a daughter.

Heard—To Rev. Douglas Heard, Arts '63, Theol. '65, and Mrs. Heard (Mary Robertson), Arts, P.H.E. '64, Madoc, Ont., March 21, a son (Brian Michael), brother for Stephen and Gordon.

Hodgson—To Dr. Christopher J. Hodgson, Sc. '63 (M.Sc., Toronto, Ph.D., McGill), and Mrs. Hodgson, Vancouver, B.C., January 5, a son (Trevor Vincent). Dr. and Mrs. Hodgson reside at 3091 Plymouth Dr., North Vancouver, B.C.

Janzen—To James R. Janzen, Arts '68, and Mrs. Janzen, Edmonton, Alta., February 19, a son, brother for Daniel.

Jenkyns—To S. Michael Jenkyns (B.A., Carleton), and Mrs. Jenkyns (Virginia Nash), Arts '65, Ottawa, Ont., February 25, a daughter (Stephanie Megan Alexandra).

Johnson—To David R. Johnson, Arts '68, M.Sc. (Arts) '70, and Mrs. Johnson, Kingston, Ont., March 17, a son (Derek Alexander).

Jordan—To Douglas Jordan, Arts '69, M.B.A. '71, and Mrs. Jordan, Ottawa, Ont., February 26, a daughter (Shannon Margaret).

Kingston—To Ralph Kingston, Arts '66, and Mrs. Kingston, Kingston, Ont., March 25, a son (Matthew), brother for Karen.

Kozela—To Frank Kozela, B.Sc. (Arts) '60, and Mrs. Kozela (B.A., Carleton), Ayton, Ont., October 5, 1971, a daughter (Erin Laura), sister for Frankie.

Lathem—To Keith W. Lathem, M.Sc. '64 (B.Sc., Michigan), and Mrs. Lathem (Glenys Good), Arts '67, Richmond Hill, Ont., December 26, 1971, a daughter (Shannon Elizabeth), sister for Mark.

Letts—To John W. Letts and Mrs. Letts (Valerie Robinson), Arts, Ed., '71, Kingston, Ont., April 9, a son (Matthew Guy).

McCammon—To Kenneth H. McCammon, Com. '60, and Mrs. McCammon, Ottawa, Ont., December 9, 1971, a daughter (Erin Elizabeth), sister for Sean.

McEwen—To Peter I. McEwen, Arts '64, and Mrs. McEwen (Joanne Andersen), Arts

63, Hawkestone, Ont., January 3, a son (Joel Duncan Weston), brother for Sara Elizabeth and Ian Ronald; nephew for Joel E. Andersen, Med. '74. In September, Mr. McEwen will join the staff of Twin Lakes Collegiate, Orillia, as chairman of the Art Department.

McJanet—To David J. McJanet, Arts '60 (M.A., Columbia), and Mrs. McJanet (Ann Hill), Arts '61, Ottawa, Ont., March 21, a son (James Robert Hugh), brother for Elizabeth and Margaret. Mr. and Mrs. McJanet reside at 25 Brian Cres., Ottawa, Ont. K2H 5X2.

McLeod—To Wallace R. L. McLeod and Mrs. McLeod (Sally Kinchen), Arts '60, Mississauga, Ont., December 16, 1971, a daughter (Heather Lynn), sister for Keith and Ian. Mr. and Mrs. McLeod reside at 2061 Family Cresc., Mississauga, Ont.

Marshall—To Peter John Marshall, Sc. '66, M.B.A. '71, and Mrs. Marshall (K.G.H.), Sorel, Que., February 22, a daughter (Catherine Joanne). Mr. and Mrs. Marshall reside at 47 Chemin St. Ours, Sorel, Que.

Martin—To Robert W. Martin, Arts '62 (M.Ed., Toronto), and Mrs. Martin (Margatet Frost), Arts '63, Oshawa, Ont., March 7, a daughter (Nancy Elizabeth Christina), sister for Michael.

Mason—To Edward P. Mason, Arts '54 B.L.S., Toronto), and Mrs. Mason, Toronto, Ont., December 17, 1971, a son (Jonathon Edward Hull), brother for Claire and Alison.

Matusiak—To Edward Matusiak, Sc. '60, and Mrs. Matusiak, Mississauga, Ont., December 31, 1971, a son (Mark Edward), prother for Nadine and Keira.

Maunder—To Les Maunder (Manitoba) and Mrs. Maunder (Brenda Bradley), Arts, P.H.E. '63, St. John's, Nfld., March 19, a laughter (María Leanne).

Neil—To Rev. Ralph D. Neil, B.Sc. (Arts) 65 (B.D., Knox College), and Mrs. Neil, Winchester, Ont., March 1, a daughter Katherine Anne), sister for Stephen.

Neville—To Dr. George A. Neville, Arts '59, M.Sc. (Arts) '61, Ph.D. '66, and Mrs. Neville Iris M. McLinton), Arts '58, Ottawa, Ont., April 3, a daughter (Laura Jane), sister for leffrey and Catherine.

Newstead—To William T. Newstead, Sc. '68, M.Sc. '70, and Mrs. Newstead, Amherstview, Dnt., March 8, a son (Curt Thomas), brother or Bradley and Steven.

Olney—To Bryan E. Olney, Arts '71, and Mrs. Olney, Kingston, Ont., March 22, a son James Bryan).

Poce—To Dr. Frank R.M. Poce, Med. '70, and Mrs. Poce, Kingston, Ont., February 6, a laughter (Laura Elizabeth).

Pullen—To Christopher (Kit) Pullen, Sc. '61, and Mrs. Pullen, Ottawa, Ont., March 11, a on, brother for Judith, Carolyn and Amy.

Reid—To James F. Reid, Arts '65, and Mrs. Reid, Kingston, Ont., February 22, a daugher (Sarah Christine), sister for Jimmy. First randdaughter for James W. Reid, Arts '39, and niece for Susan C. Abell, Arts '65 M.S.W., Ottawa).

Riggs—To Christopher G. Riggs, Law '67 (B.A., Toronto), and Mrs. Riggs, Toronto, Ont., February 26, a daughter (Julia Christine).

Sellers—To David Sellers, Arts '68, Ed. '69, and Mrs. Sellers, Belleville, Ont., February 5, a daughter (Karen Lynne), sister for Kathy.

Smith—To Dr. Clinton R. Smith, B.Sc. (Arts) '67 (M.Sc., Ph.D., Toronto), and Mrs. Smith, Cambridge, England, March 30, 1971, a son (Edward Clinton).

Trowbridge—To Chris Trowbridge, Arts '70, and Mrs. Trowbridge, Amherstview, Ont., on April 11, a son (Christopher Todd), brother for Scott.

Waddell—To Dr. Cameron David Waddell, Med. '69, and Mrs. Waddell (Patti Woodall), (K.G.H.), Victoria, B.C., January 26, a son (Cameron Andrew Charles), brother for Shona.

Waugh—To John Waugh, Law '69 (B.A., Western), and Mrs. Waugh (Katherine Crothers), Arts '70, Kingston, Ont., February 24, a son (James Douglas).

Wedderspoon—To Rev. Canon A.G. Wedderspoon and Mrs. Wedderspoon (Judith Plumptre), Arts '63, Winchester, England, March 17, a daughter (Caroline Joyce).

White—To Leslie White and Mrs. White (Barbara Lynn Truscott), Arts '68, Kingston, Ont., March 12, a son (Kevin David).

Williams—To Dr. Robert L. Williams, Med. '62, Ph.D. '66, and Mrs. Williams, San Francisco, Calif., March 14, a son (Ian Spence), brother for Jennifer.

Marriages

Ames—On December 18, 1971, Judith Jill Ames, Arts '70, to John Campbell. Mr. and Mrs. Campbell are residing at 1349 King St. E., Apt. 9, Oshawa, Ont.

Blair—At St. Paul's L'Amoreaux Anglican Church, Agincourt, Ont., December 23, 1971, Frances Elizabeth McGregor to David A. Blair, Arts '68, Law '72. Mr. and Mrs. Blair reside at 332 University Ave., Apt. 4, Kingston, Ont.

Booth-Billings—On September 4, 1971, in Ottawa, Ont., Jane S. Billings, Arts '71, daughter of Mrs. R.M. Ross (Mary Graham), Arts '39, and the late Lieut. Col. G.M. Billings, Sc. '36, to Frederick P. Booth, Arts '71. Included in the wedding party were Rosemary Billings, M.A. '72, Sandra St. Germain, Arts '71, John Edmison, Sc. '70, M.B.A. '72, Charlie Brown, Ed. '69 (B.Sc., Carleton), and Michael Billings, (R.M.C., '74)

Dunsmore-Ross—On August 23, 1971, in Calgary, Alta., Wendy Ross, Arts '69, to Hugh Dunsmore, Arts '68. Mr. and Mrs. Dunsmore are residing in London, England, where Mr. Dunsmore is studying for a Ph.D. in geology at Imperial College, London S.W. 7.

Field-Kelly—On June 26, 1971, in Niagaraon-the-Lake, Ont., Mary Jo B. Kelly, N.Sc. '70, to David John Field, Sc. '70. Mr. and Mrs. Field reside at 494 Windermere Ave., Toronto 160, Ont.

Hayles-Aston—On September 11, 1971, at Knox United Church, Cornwall, Ont., Hilary Frances Aston, Arts '70, B.Sc. (Arts) '71, to John Gordon Hayles, Sc. '70. Mr. and Mrs. Hayles are both attending U.B.C. and residing at "The Elizabeth", 3843 West 4th Ave., Vancouver, B.C.

Henderson—In Tweed, Ont., November 12, 1971, Sandra Fay Mills, R.N., to Ralph Benjamin Henderson, Arts '68. Mr. and Mrs. Henderson are residing in Belleville where Mr. Henderson is on the teaching staff.

Loney—On February 26, Kingston, Ont., Christine Anne Loney, Arts '72, to Barry Paul Bruce. Mr. and Mrs. Bruce reside in Kingston, Ont.

McKay—In Winnipeg, Man., on July 9, 1971, Margaret Anne Cecilia McKay, Arts '71, to Brian C. Richardson (B.Sc., State University, N.Y.). Mr. and Mrs. Richardson reside at 117 Harvard Ave., Winnipeg, Man.

McKendry—In Toronto, Ont., September 8, 1971, Mary Jane Sawyer, (R.N., Toronto), to Robert McKendry, Med. '68, son of Dr. J.B.R. McKendry, Med. '43, and grandson of the late Dr. J.J. McKendry, Med. '14. Dr. and Mrs. McKendry reside at 11277 San Juan Drive, Loma Linda, Calif.

Orford—On October 8, 1971, Laureen Debra Coulthard to David Ernest Orford, Arts '69. Mr. and Mrs. Orford are residing at 4743 Montana Cresc., Calgary 45, Alta.

Parnell-Follwell—On October 30, 1971, in Belleville, Ont., Mary Beth Follwell, Arts '68, to Ted Parnell, Arts '70. Included in the wedding party were Mrs. Peter Weston (Cathy Cook), Arts '68, Mrs. J.H. Bateman (Mary Frances Grills), Arts '69, Mrs. Herbert (Peg Parnell), Arts '72, Rod Follwell, Arts '65, Law '71, Ross McGregor, Arts '70, Walter Greenway, Ed. '70 (B.A., Western). Ted and Mary Beth are residing at 1583 Oxford St., North Vancouver, B.C.

Pickett-Paul—In Toronto, Ont., May 29, 1971, Elizabeth Ann Paul, Arts '74, to William J. Pickett, Sc. '63, Law '68. Included in the wedding party were Nancy Stone, Arts '68, Brian Stevens, Sc. '63, M.B.A. '70, Jo Ann Ryall, Ed. '71, Reynold Caskey, Med. '71, Larry McGirr, M.Sc. '72 (B.Sc., Alberta). Mr. and Mrs. Pickett reside at 184 William St., Belleville, Ont.

Smith-Farley—On August 4, 1971, in Victoria, B.C., Vivian Olivia Farley Alexander, Arts '42, to Jack Donald Smith, Sc. '46. Mr. and Mrs. Smith reside at 124 Longmeadow Ave., Pointe Claire 720, Que. Mr. Smith is employed as chief mechanical engineer in the

consulting firm of surveyors, Nenniger & Chenevert Inc., Montreal, Que.

West-Stephens—At St. George's Church, Guelph, Ont., July 24, 1971, Janet Eileen Stephens, N.Sc. '71 (R.N., K.G.H.), to William Brian West, Sc. '72. Mr. and Mrs. West are residing at 54 Van Order Drive, Kingston, Ont.

Deaths

Stewart Elroy Armstrong, B.A. '46 (M.E., Toronto), Brantford, Ont., March 7. Superintendent of the Ontario School for the Blind, and for many years vice-president of the Brantford Alumni Branch.

Elgin O. Awde, B.A. '17, Hagersville, Ont., December 8, 1971, principal of Hagersville High School for many years.

Harold Lowden Beer, B.Sc. '14, Ottawa, Ont., March 19, retired mining engineer, Department of Mines and Resources, Ottawa, Ont.

Dr. Delos Everett Bell, M.B. '14, M.D. '15, Port Credit, Ont., March 17, former chief medical officer of the Ontario Workmen's Compensation Board.



Dr. Nathan Eric Berry, M.D., C.M. '26, died at the Homewood Sanatorium, Guelph, Ont., on December 22, 1971. He had served as professor of urology at Queen's for many years.

The youngest member of his class at Queen's, he had a brilliant scholastic career, winning many prizes and scholarships. He was appointed Professor of Urology at Queen's in 1930 and served in that capacity until his retirement in 1958 due to ill health.

Dr. Berry was a skilled clinician whose work was highly regarded by all students of urology. He contributed many scientific papers to learned societies in Canada and abroad. He was on the consulting staff of the Kingston General and Hotel Dieu Hospitals for nearly thirty years.

Dr. James Berry, Med. '58, is a son, and Dr. Victor Berry, Med. '31, is a brother.



Dr. Batstone saluted as great all-round athlete

Dr. Harry Lee Batstone, B.Com. '26, M.D., C.M. '32, one of the legendary super-athletes of Queen's, died at his home in Kingston, Ont., March 10.

As a football player he made history at Queen's, teaming up with his good friend Frank (Pep) Leadlay to lead Queen's to three Grey Cup and four intercollegiate championships. In the summer vacations he played baseball for Kingston in the Central Ontario Baseball League and was an outstanding third baseman, batting .401 one year. After his retirement as an active football player, but while still a student, he coached Queen's to two intercollegiate football championships and officiated in the National Hockey League.

Dr. Batstone served on the staff of the Ontario Hospital in Kingston, latterly as the senior medical specialist in psychiatry, from 1932 until his retirement in 1967.

Surviving are his wife, a son, Harry Lee Batstone, Arts '60, PHE '61, and two daughters—Mrs. J.C. Day (Mary Alice), Arts '63, and Mrs. L.M. Macdonnell (Elizabeth), Arts '63.

His death was mourned by sports writers throughout the country. Mike Rodden, the only other Queen's player besides Batstone and Leadlay to be named to the Canadian Football Hall of Fame, said: "He was one of the greatest halfbacks down memory's lane."

Bill Westwick added: "A very fine man and a great athlete. Football has never seen a finer all-round Canadian star than Dr. Harry Batstone."

William Frederick A. Benger, B.Sc. '13, Montreal, Que., October 27, 1971, retired chief of motive power and rolling stock for the Canadian Pacific Railway.

Ruth D. Braham, B.A. '60, B.N.Sc. '57, Toronto, Ont., September 11, 1971.

Thorfinnson Brown, B.Sc. '04, Claresholm, Alta., February 24, aged 90.

Rev. Dr. Andrew Ian Burnett, D.D. '51 (M.A., Edinburgh), Ottawa, Ont., March 2.

Elmore Harris Capstick, B.Sc. '33, assistant superintendent (Reduction Department) International Nickel Company, Copper Cliff, Ont., August 4, 1971.

Ernest Edward Carter, B.Com. '31, Tweed, Ont., March 23.

R. Kenneth Carty, B.Com. '42, Town of Mount Royal, Que., executive vice-president, Canron Limited, March 15. Survived by his wife, formerly Catherine Matheson. Arts '42, a daughter, and five sons, including Donald, Arts '68, Robert, Com. '70, and Ken, postgraduate '74.

Emile Chartrand, B.Sc. '09, Ottawa, Ont., March 3.

Charles George Colquhoun, B.Sc. '43, Cooksville, Ont., January 24.

Mrs. Claire Coristine (Gladys Wemp), Arts '25, Calgary, Alta., March 15, one of the first women realtors in Canada to become a Fellow of the Real Estate Institute of Canada.

Dr. Andrew D. Cox, M.D., C.M. '27, Ottawa, Ont., March 5.

James Ronald Denny, Q.C., B.A. '40, Toronto, Ont., barrister, May 20, 1971.

William Alex Deroche, B.Sc. '47, February 18, engineer, McKinnon Industries Limited, St. Catharines, Ont.

Mrs. T.J.S. Ferguson (Amy Spencer), B.A. '07 (Mus. D., Notre Dame), Nelson, B.C., February 20. Dr. Ferguson was well known for her work with the Nelson Boys' Choir, the Choristers, and as a life member of the B.C. Registered Music Teachers. She was named Nelson's first Citizen of the Year in 1961. She was predeceased by her husband, Rev. T.J.S. Ferguson, '98.

Dr. John Collins Finley, M.D., C.M. '35, Meaford, Ont., April 1, medical director for Canada, John Wyeth and Brothers Limited (Canada). Survived by his wife, formerly Alison Mitchell, Arts '37.

Mrs. Howard Heagle (Georgina M. Conklin), B.A. '26, Brockville, Ont., December 27, 1971.

Robert Valleau Houston, B.A. '38, Cornwall, Ont., February 15, 1971.

Eugene H. Irwin, B.Sc. '48½. Beauharnois, Que., September 17, 1971, production superintendent with Aluminum Company of Canada Ltd. for 23 years.

Dr. Frank J. Keeley, M.D. '07, East Cleveland, Ohio, December 25, 1971. He is survived by a brother, Edward C. Keeley, Sc. '17, and he was predeceased by two brothers,' Dr. Anthony J. Keeley, Med. '09, and D.E. Keeley, Sc. '10.

Mrs. E.S. Laird (Edith MacCallum), B.A. '13, Miami, Florida, March 24. Mrs. Laird spent 32 years as head of the library of the American University of Beirut in Lebanon. She concluded her services in Beirut by establishing a library course in 1957-58 for students intending to become educators in various countries of the Middle East and Africa. Mrs. Laird spent the remaining years of her active life as research assistant to Dr. Henry Field, head of the department of anthropology at the University of Miami. She is survived by two sisters, Mrs. Frances Crowther, Arts '24, M.A. '25, and Dr. Elizabeth MacCallum, Arts '17, LL.D. '52.



Norman McLeod

Norman McLeod, Arts '26, M.A. '27 (B.Paed., Toronto), retired high school principal, died in Toronto, Ont., March 22.

Mr. McLeod began his teaching career at Oshawa Collegiate Institute in 1927 as head of English. In 1933 he was named instructor in English and History, University Schools, Toronto, where he remained until his ap-

Thomas Homer Lewis, B.Sc. '39, London, Ont., March 31, protection and control engineer, Western Region, Ontario Hydro. He is survived by his wife, formerly Lois Craig,

Mary Elizabeth Lynch, B.A. '22, March 19, retired Toronto school teacher.

Arts '39. Mrs. Helen Wellnhoffer, Arts,

P.H.E. '64 is a daughter.

Cresswell Pierson MacArthur, B.A. '14, B.D. '21, Ottawa, Ont., March 3, retired high school teacher. He is survived by three sons, Donald MacArthur, Com. '47, Robert MacArthur, Arts & P.H.E. '51 (M.Ed., Arizona), Peter MacArthur, Sc. '60, and a sister, Mrs. C.R. McIntyre (Jessie MacArthur), Arts '17. His wife, formerly Viola Gibson, Arts '22, predeceased him.

Dr. Ambrose G. McGhie, M.B., '16, M.D., C.M. '19, Hamilton, Ont., April 9, retired medical adviser to the board of directors of the Community Nursing Registry after 27 years of service.

Dr. Alexander Thomas Munroe, M.D., C.M. '04, Dalkeith, Ont., March 27.

Mrs. Andrew Nesbitt (Mabel N. Anderson), B.A. '17, Kingston, Ont., March 16. She is survived by a daughter, Mrs. D.I. Webb (Dorothy Nesbitt), Com. '43.

Frederick W. Paynter, B.A. '16, Montreal, Que., March 3, office manager and chief accountant, Canada Paper Co. Mr. Paynter was permanent president of his year and a past president of the Montreal branch. He is survived by his wife, formerly Eva Cumming, Arts '14, a son, Austin Paynter, Arts '48, a daughter, Mrs. D.C. Cameron (Anne Paynter), Arts '47, and a sister, Mrs. H. Fisher (Pearl Paynter), Com. '39.

John Franklin Pound, B.Sc. '13, Ottawa, Ont., June 19, 1971.

pointment as principal of Leaside High School in East York in 1945. He retired a few years ago, but remained close to the teaching profession through his work with the Superannuated Teachers of Ontario.

Active from the beginning in the work of the Ontario Secondary School Teachers' Federation (OSSTF), Mr. McLeod was named the first chairman of the Benevolent Fund and in 1944 was elected president of OSSTF. He was the founding president of the Ontario Teachers' Federation and chairman of its Board of Governors in 1945.

In addition to his professional career, Mr. McLeod was known for his writing. He was the author of a textbook on high school English composition and of Volume Two of The History of the County of Bruce, 1907-1968. For a five-year period he served as a member of the Royal Commission on Education in Ontario.

Among the survivors are his wife, formerly Mary Johnston, Arts '26, a daughter, Mrs. Ronald Lougheed (Fern), Arts '58, two sons, Norman, Arts '62, and Rod, Com. '64 (LL.B., Toronto), and a sister, Mrs. Neil Swinton (Jean), Arts '27.

Dr. Charles Albert Publow, M.D., C.M. '06, Picton, Ont., March 1, retired medical practitioner.

Stanley A. Purvis, B.Sc. '12, Bracebridge, Ont., March 2, retired engineer.

Gerald B. Scott, B.A. '43, Kingston, Ont., March 8. He retired in 1967 after 21 years as principal of Winston Churchill School. He is survived by a sister, Mrs. Garland Wright (Geraldine Scott), Arts '29, and a brother, Dr. George D. Scott, Med. '39.

John Cameron Stewart, B.Sc. '69, M.Sc. '71, March 27, student at the University of Technology, Delft, the Netherlands.

Jean T. Tweddell, B.A. '13, Kingston, Ont., March 10, for 30 years an employee of the Bank of Commerce.

Allan C. Ward, B.Sc. '23, Arnprior, Ont., March 11, principal, Arnprior and District High School for 29 years.

Dr. William Roberts Webster, M.D. '28, Pearl River, N.Y., March 27, retired assistant director of Rockland State Hospital in Orangeburg, N.Y. He is survived by his wife, Helen Rogers, Arts '28.

Peter L. Woods, Arts '42, Saint John, N.B., December 6, 1971, general manager for Gordon Mackay Eastern Limited.

Dramatic Club of 1905

Re the photo on page 68—Seated: Eleanor Ferguson, Egerton R. Simpson, Dow Cornet, Eveline Holland, Gordon Wilson, George W. MacKinnon, and Marion E. McLean. Standing: Ada F. Chown, Bertram Skene, Miss Calhoun, J. Maclean Simpson, Garfield A. King, Kate de Forneri, J.I. Grover, D.E. Foster, Edna Poole, Dennis Jordan and Lorne B. Code.

Notes

1900-1919

Norman B. Davis, Sc. '11 (M.A., Cornell), M.B.E., lives in Ottawa, Ont., at 388 3rd Ave. He was formerly deputy metals controller, Department of Munitions and Supply.

R.L. Dunsmore, Sc. '15, Kingston, Ont., chairman of the University's campus planning committee, has been elected honorary president of the Alma Mater Society.

W.M. Goodwin, Arts '09, Sc. '11, active in various projects in prospecting and development for a life-time, is living at 10 Riverside Dr., Manotick, Ont.

R.R. Miller, Arts '11, is retired and living at 589 Church St., Toronto, Ont.

N.G. (Pat) Stewart, Arts '11, Sc. '15, is retired. He lives at 213B King St. E., Apt. 4, Kingston, Ont.

A.S. Thomas, Sc. '11, Ottawa, Ont., spent forty-two years with the federal government at Ottawa. For many years he was construction and maintenance engineer for the National Parks Branch, Historic Sites and Monuments Board.

1920-29

Dr. Duncan W. Boucher, Med. '28, has been named honorary consultant to Hotel Dieu Hospital, Kingston, Ont. Dr. Boucher, a retired surgeon, was chief of surgery at Hotel Dieu for 10 years.

Dr. H.T. Carmichael, Med. '23, director of the Office of Continuing Education for Psychiatrists, American Psychiatric Association, Washington, D.C., is the co-author with Dr. S.M. Small and Dr. P.F. Regan of *Prospects and Proposals: Lifetime Learning for Psychiatrists*. The book outlines a national strategy for continuing psychiatric education.

Dr. C.M. Carruthers, Med. '21, F.R.C.S. (England and Canada), F.A.C.S., F.I.C.S., is retired and living in Sarnia, Ont. Prior to his retirement he carried on an extensive practice in Sarnia and was consultant in surgery and chief of staff at St. Joseph's Hospital and the Sarnia General Hospital.

Mrs. W.G. Cornett (Jessie Ewart), Arts '21, is living in Hamilton, Ont. Her address is #501, 92 Robinson St.

B.C. Diltz, Arts '21, M.A. '22, LL.D. '60, formerly Dean of the Ontario College of Education, is retired and living at 92 Colin Ave., Toronto, Ont.

Mrs. G.N. Dingle (Agnes Grace Wert), Arts '21, lives in Camlachie, Ont. Mrs. Dingle taught in several high schools, including Winchester High School and Delta Collegiate, Hamilton.

James W. Dougherty, Sc. '21, is retired and living at R.R. #1, Glenburnie, Ont. He was an instructor in engineering drawing at Queen's 1949-65, prior to which he had been general superintendent at Hollinger Gold Mines.

Robert England, Arts '21, M.A. '34 (LL.D., Manitoba), is retired and living at 3916 Tudor Road, Victoria, B.C.

Dr. Hector Featherston, Med. '21, one-time general practitioner and assistant director (medical), Ottawa Civic Hospital, is retired. He lives at Apt. 306, 90 Woodridge Crescent, Ottawa.

Miss Evelyn Clare Garrett, Arts '21, was on the staff of the Department of English and History at Patterson Collegiate Institute, Windsor, Ont., from 1921 to 1948. She is now retired and living at 5150 Wyandotte E., #E29, Windsor.

Mrs. James Glen (Jessie Elliot), Arts '21, lives at Apt. 305, 120 Edinburgh Rd. S., Guelph, Ont. Her husband, Rev. James Glen (M.A., Glasgow), died some years ago.

Dr. Charles E. Lyght, Med. '26, was presented with the Malford W. Thewlis Gold Medal Award of the American Geriatrics Society at the annual meeting held in New York City. This award is given annually to a member of the Society who has made important contributions to the field of geriatric medicine through active implementation of the aims and purposes of the Society. Dr. Lyght served as editor-in-chief of "The Merck Manual of Diagnosis and Therapy" (known throughout the world as "The Doctor's Bible") from 1947 until his retirement in 1966. The new, twelfth edition of the book has been dedicated to him.

Dr. Gordon W. Myłks, Arts '27, M.D. '29, who practised obstetrics and gyneacology in Kingston for 35 years, has been named to the honorary consultant staff of Hotel Dieu Hospital, Kingston, Ont.

Dr. Mary E. White, Arts '29, M.A. '30, head of the Graduate Department of Classical Studies at the University of Toronto, has been awarded an honorary degree of Doctor of Letters by Acadia University. Dr. White is one of the world's leading historians on Greece.

1930-39

Hubert P. Beale, Arts '30, barrister, solicitor and notary public, has recently retired after 35 years of practice in Athens, Ont.

Dr. Ronald C. Burr, Med. '32, who recently retired from his position as head of the Department of Radiology at Kingston General Hospital, served as radiologist-in-chief at Hotel Dieu Hospital for 10 years, and was the founder of the Kingston Cancer Clinic, has been named honorary consultant to Hotel Dieu Hospital, Kingston, Ont.

Mrs. H.S.M. Carver (Anne Sedgewick), Arts '37, M.A. '40, has been appointed to the Canadian Transport Commission, the first woman named to the post.

Gordon P. Eligh, Com. '39, manager of Simpsons-Sears Ltd., Kingston, Ont., has been named chairman of the 1972 United Appeal Campaign. Mr. Eligh served as director of the business agency division during the 1971 campaign.

T.M. Gaetz, Sc. '30, a vice-president of International Nickel Co. of Canada Ltd., Toronto, Ont., is chairman of the Alcoholism and Drug Addiction Research Foundation of the Province of Ontario.

J.W. Hay, Sc. '39 (B.Sc., Manitoba), has been appointed to the position of vice-president, contracts, with Stephen-Adamson Division of Borge Warner (Canada) Limited. Mr. Hay will direct the Company's activities in the field of specialized contracts in both domestic and export markets.

George A. Kerr, Arts '34, has retired from the staff at Vaughan Road Collegiate Institute in Toronto and is living at R.R. #2, Minden, Ont.

Colin B. McMillan, Sc. '36, partner in the firm of McMillan & Martynowicz Ltd., consulting engineers, Montreal, Que., recently completed a year in office as president of the consulting engineers section of the Corporation of Engineers of Quebec.

W.H. "Pat" Paterson, Sc. '34, general manager of subway construction, Toronto Transit Commission, has been awarded the distinguished gold medal of the Association of Professional Engineers of Ontario. The award was made "for his many years of public service to the improvement of his community through the application of rapid transit. . "

Dr. Richard T. Potter, M.D., C.M. '39, was appointed Minister of Health for the Province of Ontario on February 2. He has responsibility for hospitalization, medical insurance, mental health, public health, and action against drug addiction. He is a native of Belleville, Ont., where he has practised since graduation, served as alderman and mayor, and founded the Municipal Health Unit. Dr. Potter has played an active role in the Provincial Legislature since his election in Quinte riding in 1967.

Mrs. J.H.M. Rombough (Beatrice Clendinnen), Arts '30, has retired after working in the Queen's Library for the past eight years, latterly as a cataloguer in the Documents Department. A dinner to mark the occasion was held in her honour.



Edith Whyte



Dr. R.C. Burr

John H. Ross, Sc. '35, was honoured recently when he was made a Fellow of the American Society of Heating, Refrigerating and Air-Conditioning Engineering at their semi-annual meeting at New Orleans, La.

Robert A. Stead, Com. '39, has been appointed director general of operations of the National Energy Board in Ottawa. His responsibilities will be in organizing and implementing the board's programs.

1940-49

Douglas B. Annan, Sc. '40, vice-president, operations, DeHavilland Aircraft of Canada Ltd., Downsview, Ont., has been elected to the Board of Trustees of Queen's as a representative of the benefactors.

Philip R. Berman, Arts '42, has been appointed to the sales staff of the residential sales department of Westmount Realties Company.

E.J. Brick, Sc. '45, has been appointed manager of field engineering, Babcock & Wilcox Canada Ltd. Mr. Brick was formerly erection department manager.

B.W. Burgess, Sc. '44, M.Sc. '46, has been elected vice-chairman of the Advisory Council on Engineering at Queen's University. Mr. Burgess is vice-president, Pulp and Paper Research Institute, Pointe Claire, Que.

Dr. W.G. Fleming, Arts '47, professor of education at the University of Toronto and at OISE, is the author of eight educational-research books published by the Ontario Educative Society.

Alex J. Graham, Sc. '49, is president of A.J. Graham Engineering Consultants Ltd., with offices in Ottawa, Pembroke and St. Thomas.

Archie Johnston, Com. '49, vice-president, Canadian General Electric Company Ltd., and general manager of the Supply Sales and Distribution Department, Clarkson, Ont., was recently named "Electric Man of the Year" by Electrical News and Engineering. The award was made in recognition of his leadership in the fight against dumping of foreign-manufactured power transformers into the Canadian market.

Walter F. Light, Sc. '49, executive vice-president and director of Bell Canada has been appointed a director of Northern Electric Company Ltd.

F.K. (Pappy) McKean, Sc. '40, Parry Sound, Ont., district manager for Marine Services, Sarnia to Saskatchewan, for the Ministry of Transport, is a member of the board of governors of Georgian College in Barrie, Ont.

lan G.A. MacMillan, Com. '49, has been appointed vice-president and controller and a director of Mack Trucks Canada Ltd.

Dr. J. Russell Scott, Med. '41, was recently elected to the Board of Directors of Extendicare (Canada) Ltd. Dr. Scott practises medicine in Belleville, Ont., is a Fellow of the American Geriatric Society and since December 1967 has been Mayor of Belleville.



Dr. R.T. Potter



F.K. McKean



Dr. C.E. Lyght



Dr. W.J. Forrest



N. Pickering



Rev. R. Smeaton

I.W. Scott, Arts '48 (LL.B., Dalhousie), has been appointed the new legal officer of the Canadian Construction Association. Mr. Scott retired recently from the Canadian Armed Services with the rank of Commander.

Mrs. Tihamer Vadasz (Isabel McQuade), Arts '45 (M.S.W., U.B.C.), is presently employed as a Social Work Consultant with the Health Department of Vancouver. Mr. and Mrs. Vadasz are the owners of the La Colombe Restaurant, a French specialty louse in West Vancouver, and reside at 2075 Comox St., Suite 2003, Vancouver, B.C.

D.M. Waller, Arts '45, has been elected a lirector of the Ontario Motor League - Foronto Club. Mr. Waller is president of Dalmar Food Limited.

1.E. Wanless, Com. '48, has been appointed inancial vice-president of Manufacturers Life nsurance Company. Mr. Wanless will assume responsibility for the management of Manufacturer's Life security investment operations in Canada.

Edith M. Whyte, Arts '49, has been appointed deputy chief, International Department, Bank of Canada.

950-59

Aajor J.H. Allan, Arts '57, has been promoted to Lieutenant-Colonel and posted to Winipeg, Man., as Commanding Officer of 2nd lattalion, Princess Patricia's Canadian Light nfantry. Col. Allan may be reached at CFB Vinnipeg, Westwin, Man.

Derek C. Arnould, Arts '50, is with the Department of External Affairs, currently in the Economic Bureau, Ottawa, Ont. He reently returned from a four-year stint in Brussels as Political Counsellor of the Canaian NATO delegation.

Iton Bigwin, Arts '59 (M.Ed., Toronto), a carborough elementary school principal, has een named assistant superintendent with the Intario Department of Education. Mr. Bigrin will plan the education of Indian children the province and, over the next 18 months, ill deal with small schools in what are called egions 1, 2 and 3 in Northwestern Ontario. It will also work with the federal Indian affairs and Northern Development repartment.

r. Barry L. Clark, Med. '58, will become rofessor of plastic surgery at the new

McMaster University Hospital, Hamilton, Ont., when it opens later this year. Dr. Clark is currently chief of plastic surgery at St. Joseph's Hospital, Hamilton.

H.E. Clarke, Arts '53, has been appointed associate group actuary, Crown Life Insurance Company.

Dr. Daniel H. Connor, Med. '53, chief of the geographic division of the United States Armed Forces Institute of Pathology in Washington, D.C., recently spent three weeks in the Republic of Zaire (formerly the Congo), investigating certain diseases endemic to the area. During his visit, he was received by General Mobutu Sese Seko, Chief of State of Zaire.

Charles F. Currey, Sc. '51, has been appointed manager of technical operations, special licensing projects, with Westinghouse Nuclear Energy Systems in Pittsburgh, Pa. Mr. Currey will be responsible for development and coordination of all technical information from WNES Engineering and other sources for use in Atomic Safety and Licensing Board proceedings.

Michael L. Davies, Arts '60, publisher of The Kingston Whig-Standard, was elected vice-president of the Canadian section of the Commonwealth Press Union in Toronto.

Dr. Doris J. Dyke (Doris Scott), Arts '59, is now associated with the School of Education, University of Louisville, Louisville, Kentucky. Dr. Dyke was formerly with the College of Education, University of Saskatchewan in Saskatoon.

D. Ian Fraser, Com. '53 (M.Com., Toronto), F.L.M.I., has been appointed an administrative vice-president of Canada Life Assurance Company.

F.H. Frizzell, Arts '53, has been appointed director of agencies, Sun Life Assurance Company of Canada.

Gordon C. Gray, Com. '50, president of A.E. LePage Ltd., Toronto, Ont., has been elected to the University's Board of Trustees as a representative of the benefactors.

W.G. Greenley, Arts '49, Com. '50, has been appointed vice-president of Hershey Chocolate of Canada. In addition to his new duties Mr. Greenley will retain his position as treasurer.

R.W. 'Herb' Harmer, Sc. '58 (B.A., Western), has been appointed manager, mining and metals business development, Canadian Bechtel Limited. Mr. Harmer will be based in the company's Montreal office.

Dr. Donald W. Keenleyside, Arts '54, Med. '56, a Kingston general practitioner, has been re-elected president of the Physicians' Services Inc. Foundation.

Dr. E.H. Nenniger, Sc. '50 (M.Sc., McGill, Ph.D. Manchester), has been appointed an associate of Hatch Associates Ltd., a Toronto-based Canadian consulting engineering company.

Dr. George A. Neville, Arts '59, M.Sc. '61, Ph.D. '66, has been selected by the Medical Research Council of Canada as one of its 1972 Centennial Fellows. Dr. Neville has arranged to undertake research in heavy metal toxicology in the Institute of Hygiene at the University of Lund, Sweden, under the supervision of Dr. Maths Berlin. During the past six years Dr. Neville served with the Food and Drug Directorate of the Department of National Health and Welfare. Dr. Neville's wife (Iris M. McLinton), Arts '58, and children will reside in Sweden for the duration of the appointment.

Mrs. Norman Pickering (Norma Smith), B.A. '58, and Dr. Edward E. Johnston (M.D., Toronto) are co-authors of a booklet on sex education for young (pre-university) people that has attracted attention widely among the "helping professions" and the press for its forthright approach and language. Entitled ". . . like it is", their publication is intended as a resource book rather than a textbook. Norma Pickering is a secondary school teacher (Student Services) with the Frontenac County Board of Education, Kingston; Dr. Johnston is on the faculty of the Department of Obstetrics and Gynaecology and is director of the Family Planning Clinic at K.G.H.

S. Allan Stinson, Sc. '58, has been appointed a director of A.J. Graham Engineering Consultants Ltd., and manager of their St. Thomas office.

Gregory L. Stone, Com. '59 (M.B.A., Western), has been appointed president of Canadian Automotive Warehousing Ltd., a subsidiary of U A P Inc.

George A. Thornton, Sc. '50 (M.B.A., Chicago), has now retired from the Canadian Armed Forces. Mr. Thornton is a staffing officer in the Applied Science Program for the Public Service Commission of Canada.

Dr. Hanno Tilt Tohver, Sc. '57, M.Sc. '60 (Ph.D. Purdue), is associate professor at the University of Alabama.

1960-69

J.W. Alsop, Sc. '61, has been appointed general manager of the H. Ruhl Machinery Company Ltd., Toronto, Ont.

Stanley J. Arbus, Arts '68 (LL.B., Ottawa), has opened his office for the practice of law at 615A Bloor St. West, Toronto, Ont.

Christopher M. Blackburn, Arts '61, is educational representative, General Publishing Co. Ltd., Don Mills, Ont.

Harry A. Bursey, Sc. "66 (M.B.A., McMaster), has been appointed marketing manager, drilling equipment, Canadian Ingersoll-Rand Co. Ltd., of Montreal.

Nick Della Valle, Sc. '64 (B.Com., Carleton), is now liaison officer (Defence Production) with the Department of Industry, Trade and Commerce, 125 South Grand Ave., Pasadena, Calif.

Captain A.M. DeQuetteville, Sc. '65, recently completed a nine-month course at the United States Air Force Aerospace Research Pilot School, Edwards AFB, Calif. Capt. DeQuetteville will now assume duties as a test pilot at the Aerospace Engineering and Test Establishment, CFB Cold Lake, Medley, Alta.

Jack D. Fleming, Arts '68, has been appointed manager of The Northern Life Assurance Company's Toronto St. Clair Branch.

Dr. William J. Forrest, Med. '63, M.Sc. (Med.) '65, associate professor of anatomy at Queen's University, has been awarded the Aesculapian Society's lectureship award for 1971-72, for an outstanding lecture series in his subject.

Dr. Allan G. Hedberg, Ph.D. '69 (B.Sc., M.A., Northern Illinois), is assistant professor, Department of Psychology, Baylor University, Waco, Texas.

William F. Herzer, Sc. '65 (M.B.A., Michigan), and Mrs. Herzer will reside in Kuala Lumpur, Malaysia. Mr. Herzer has been contracted to the Malayan Railways under a CIDA grant along with four other members of the Canadian Pacific Consulting Services team.

Gordon J. McCay, Sc. '67, Law '70, now associated in the practice of law with the firm of Low, Murchison, Burns, Thomas & Haydon, received a Law Society Prize from the Law Society of Upper Canada at its recent convocation for his achievement in placing second in a class of 529 called to the Bar of Ontario.

Malcolm J. McFarland, Arts '68, Law '70, has opened an office for the practice of law at 186 Main St., Picton, Ont.

Dr. Duane J. MacMillan, Arts '67 (M.A., Carleton, Ph.D., Wisconsin), is with the Department of English, University of Saskatchewan, Saskatoon, Sask.

Noel A. Nolasco Da Silva, Law '69 (B.A., Loyola), has joined the legal firm of Simmons and Schuster, 499 Main St. S., Suite 115, Brampton, Ont.



TWO RETIRING TRUSTEES were honoured at a luncheon on May 13: Daniel Wallace Stewart, Sc.'23, of Renfrew, Ont., and Ian McLachlan, Sc.'25, of Kingston. Both were elected to the Board in 1954 and have served continuously for 18 years.

Kenneth B. Payne, Arts '68, Law '70, has recently joined the law firm of Weir & Foulds, 330 University Ave., Toronto, Ont.

Dr. Hugh Pross, Arts '64, M.Sc. '67, M.D. '68, a graduate student registered in a Ph.D. program in the Department of Microbiology and Immunology, has been awarded a 1972 Centennial Fellowship by the Medical Research Council. Dr. Pross will spend the next two years with Dr. Hans Wigzell in the Department of Tumor Biology, Karolinska Institute, Stockholm, Sweden.

George R. Rawsthorne, Sc. '66, is now living in Yellowknife, N.W.T., with his family where he is superintendent of the Con-Mine Concentrator.

Ronald B. Roberts, Sc. '65, M.Sc. '67, has accepted a position as Experimental Officer with the Commonwealth Scientific and Industrial Research Organization in Sydney, Australia. Mrs. Roberts (Kathryn Cunningham), N.Sc. '66, has just completed a term as lecturer for the College of Nursing of Australia, Western Australia Branch.

William G. Sirman, Arts '64, Law '72, one of the Queen's participants in the Ontario Law Students Moot Courts Competition held recently in Toronto, was selected to share the prize of \$100 given for the best mooting performance by the Ontario Branch of the Canadian Bar Association.

Rev. Ronald Smeaton, Theol. '63, (B.A., Waterloo), has accepted a call as minister to Knox United Church at Peterborough, Ont.

Dr. Clinton R. Smith, B.Sc. (Arts) '67 (M.Sc., Ph.D., Toronto), was awarded a N.R.C. post-doctorate award and is presently at the Lensfield Laboratories at the University of Cambridge, Cambridge, England, where he is doing further research. Dr. and Mrs. Smith reside at 2 Pamplin Court, Fernlea Close, Cherry Hinton, Cambridge, England.

George M. Thomson, Arts '63, Law '65 (LL.M., Berkley), assistant dean of law at the University of Western Ontario, has been appointed a provincial judge for the family court division in Kingston, Ont.

Fred W. Vanstone, Com. '62, has been appointed vice-president finance, Neonex International Ltd. Mr. Vanstone was formerly deputy general manager, Bank of British Columbia.

J. Douglas Wilson, Sc. '67 (LL.B., Toronto), is practising law with the firm of Lang, Michener, Cranston, Farquharson and Wright, 50 King St. W., Toronto, Ont.

J.C.E. (Ed) Wood, Arts '62 (LL.B., Osgoode), and Mrs. Wood (Diana MacDougall), Arts & P.H.E. '62, have recently moved to Peterborough where Mr. Wood is a partner in the law firm of Elliott & Chandler. Mr. and Mrs. Wood and their two children, Robert and Heather, reside at 85 Benson Ave., Peterborough.

1970-71

Mrs. Gabor S. Keitner (Wendy J. Robbins), M.A. '70 (B.A., Bishops), has been awarded a Queen Elizabeth II Ontario Scholarship to complete her studies toward a Ph.D. degree.

Stanley A. Lithwick, Law '70 (B.A., Toronto), is practising law at 88 Argyle St., Board of Trade Bldg., Ottawa, Ont.

Irving Rudy, M.B.A. '70 (B.Com., Sir George Williams), is employed as assistant to the vice-president, marketing and sales at Canflo Hardwood Flooring and at Zodiac Plastics and Chemicals in Montreal. Mr. Rudy resides at 790 Bloomfield Ave., Montreal 154. Que.

Barbara E. Turner, Arts '70, M.A. '71, is doing research for a Ph.D. at Cambridge University on a Canada Council Fellowship.

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QUEEN'S CAPITAL PROGRAM 1970-75 an investment in Canada

THE ACTIVE CANVASS IS OVER

BUT THE OPPORTUNITY TO CONTRIBUTE CONTINUES

Active canvassing has been completed except for some key industrial companies. In these cases we have been asked to come back in a year or so when business conditions for them are more favourable. Meanwhile, the door will be kept open to receive additional contributions from alumni and friends. We need almost a million dollars by the end of 1975 to meet our goal.

Here's what's shown in a recent box score:

PLEDGES RECEIVED — \$5,575,000

Corporations (including gifts in kind of \$33,000) \$3,704,000

Alumni, Board of Trustees and Special Personal Gifts 903,000

Students 500,000

Bequests 468,000

CASH RECEIPTS — \$2,971,000

Corporations, Alumni, Board of Trustees and Special Personal Gifts \$2,390,000 Students 113,000

Bequests 468,000



Pledge payments are coming in well on schedule.

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ALUMNI REVIEW JULY — AUGUST 1972



KINGSTON 300

An exhibition tracing the varied and colourful 300-year span of the history of Kingston is being planned for the Agnes Etherington Art Centre. It will be shown from June to October, 1973, to coincide with the City's Tercentenary celebrations. Queen's University is a vital part of the community and its history.



KINGSTON, "Wolfe Islander," 1924

CAN YOU HELP?

Ian Wilson, acting University Archivist, and Douglas Stewart of the Department of Art History are searching for material relevant to this theme for this major interpretive display. They need:—

- letters, diaries, ledgers, accounts, recording in detail events and changes
- photographs of people engaged in activities in Kingston athletics, business, pleasure, formal occasions, etc.
- photographs of buildings, streets, transportation, etc.
- maps and charts showing the gradual development of Kingston
- sketches and paintings of the environment.

All this material, especially if it can be dated, is important in assembling the historical mosaic of the city. PLEASE WRITE TO MR. WILSON AT THE ARCHIVES, DOUGLAS LIBRARY or telephone him at 547-3226



ALUMNI REVIEW



JULY - AUGUST Volume 46 Number 4

Editor and Business Manager TERBERT J. HAMILTON

Associate Editor
CATHERINE M. PERKINS

Editorial Assistant
FAYE PATTEN



COVER: Ice cream cones are big item of business for the A.M.S. this time of year. The stands are operating for the second season as a make-work project for students and a highly saleable service to Summer School scholars and staff.

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—by Shirley Spragge

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Honoris Causa

These are the eight distinguished men honoured at Convocations this spring—their citations and a few words from those who addressed the graduates of 1972



John Arthur Davidson, D.D.

A distinguished graduate of the University of Saskatchewan and of St. Andrew's College, Saskatoon; for many years a Chaplain in the Canadian Army, during part of which time he was responsible for the spiritual well-being of the Royal Military College; more recently the minister of Sydenham Street United Church in Kingston, and now of Dominion-Chalmers United Church in Ottawa.

A scholarly preacher, an active Churchman, and a leading member of the great emigré tribe from Saskatchewan which has taken hold of so many of the vital centres of influence in the Imperial East.

A widely read journalist, whose opinions (along with those of his irritable friend) have for years amused, provoked and instructed a multitude of admiring readers.

"You will soon forget much of what you had to learn in order to get your degree. Don't worry about that if you can at least remember how to retrieve that knowledge when you need it. An education, after all, is mainly what is left after you have forgotten most of what you had to learn in order to get it. Remember what Stephen Leacock said: "An education, when it is all written out on foolscap, covers nearly 10 sheets.

". . . I finish by giving you some words from an ancient prayer: 'O God of Truth! Deliver me from the cowardice that shrinks from new truth, from the laziness that is content with half-truths, and from the arrogance that thinks it knows all truth.' Amen!"



Thomas Clement Douglas, LL.D.

Indefatigable Christian preacher—pure and applied—who, as political leader and first social democratic head of government in North America, pressed for and pioneered major social and administrative reforms, particularly in the fields of health and welfare. An enthusiastic swimmer, he has proven equally adept at making progress with and against the current. Noted wit and raconteur, he has brought laughter and warmth into the rigorous climate of Saskatchewan politics. He has not been content with mere verbal sparring but, trained as an amateur pugilist, has, as a professional fighter in the political arena, given muscle to his profound belief in man's right to the fulfilment of his highest spiritual and material aspirations.

"Fifty years ago H.G. Wells said, 'History is a race between education and catastrophe.'. . . Today the race is between a sense of social responsibility and human disaster. The physical sciences have given us the potential to enable every person on this earth to live a richer and more satisfying life, but the social sciences have so far failed to devise ways and means to make this possible. We have been able to put a man on the moon, but have yet to learn how to make man feel at home here on earth. . .

"An increasing number of economists. . . are calling for a halt to worshipping at the shrine of the Gross National Product.
". . . The unpalatable truth is that our society has been much more concerned with efficiency than with equity, more exercised with the quantity of our goods than

with the quality of our lives."



William Allen Fisher, LL.D.

Graduate of this University, distinguished teacher, noted student of Indian history, and outstanding conductor under whose leadership concert music came of age in the schools of this province. As creator and long-time conductor of the renowned Barrie Collegiate Band, he established standards of excellence which repeatedly led to awards of first rank in international festivals and which earned for it a reputation as one of the foremost school bands in the world.

He has profoundly affected the lives of hundreds of young musicians, who have acquired from him an appreciation of industry and self-discipline as well as a sincere love of the best in music. Equally significant has been his influence on professional colleagues—through his concert tours, his role as adjudicator, and his unique workshops.

Closely rivalling his dedication to music has been his life-long interest in the history of Huronia. His specialized research and authoritative articles have contributed significantly to the unfolding of the story of this famous part of our country.



William Goldwin Carrington Howland, LL.D.

Admitted to the Bar of Ontario in 1939 after an outstanding record of first-class scholarship at the University of Toronto and Osgoode Hall Law School, he has served his profession and society as a leading practitioner of the law, as a legal teacher and scholar, and as an outstanding leader in his chosen profession.

Not content with the mere practice of the law, he was for many years a lecturer in Land Law and Commercial Law at Osgoode Hall and he has published learned essays in these specialized fields. Long-time Bencher of the Law Society of Upper Canada, he was elected Head of the Society in 1967 and served until 1969. As leader of the legal profession in Ontario during this period, he played a major role in developing public legal aid in the province and in the reform of legal education. On the national scene, as a respected member of the Conference of Governing Bodies of the Legal Profession in Canada, he has always used his influence for progressive measures.



Ronald Daniel Lord, LL.D.

Born in England, an immigrant to Canada as an infant, graduate of Sydenham High School and of Queen's University in Mineral Processing, a field better known to some as "mud merchandising."

He has had a distinguished career in the mineral industry, first as designer and builder, later as executive of Preston East Dome Mines and currently as Vice-President, Research and Development, Rio Algom Mines Limited.

His contributions to the mining profession through active participation in the Canadian Institute of Mining, Metallurgy and Petroleum Engineering and the Ontario Mining Association have been many, as have his contributions in support of mineral industry education at the Northern College of Applied Arts and Technology at Haileybury and on the Queen's Advisory Council on Engineering.

A devoted friend of Queen's for many years, his success in recovering metals for mining companies is the envy of all those who try to dig up gold for Queen's.

"Perhaps it is no coincidence that graduates of Applied Science and the School of Business are receiving degrees together this morning. The skills you have been developing are complementary and they should work in concert. This is so obvious you might be surprised how often it fails to happen.

". . . There are many skills other than yours and mine, but it is the builders who change the face of the world around us and have perhaps the greatest impact on, and responsibility for, the thing now described as the 'quality of life'."

Editors' note: At the Convocation for graduates in Education and Theology, Dr. • Fisher waived an acceptance speech in favour of waving his paton. He lead his 103-member pand from Barrie District Central High School in a spirited performance that illustrated why he band has twice won the world imateur championship under his lirection.]



Arthur Reginald Marsden Lower, LL.D.

Distinguished historian of Canada, whose passionate love of this land and its peoples has helped Canadians, himself included, to discover their roots and to know who they are.

A teacher of unforgettable challenge and imaginative power, for 25 years an eminent and well-beloved member of this University, whose lectures and everyday conversation ranged boldly over space and time, lifting the eyes of his students to wide horizons and liberating their minds from bondage to the here and now.

A controversialist to the marrow of his bones, who in every season has fought against parochialism and privilege, against prejudice and cant, and whose battles have fortified the liberty of the citizen and thrown a bridge of sympathy across the two great solitudes of Canadian society.

A man of Canada, the eternal pioneer reborn into our time, who has sailed its waters, ranged its forests, and gloried in its skies, and who from these loves has wrought a poetic vision of his country. "There is little that the average Canadian likes less than privilege, or elitism. I submit, none theless, that we have gone overboard for the equalitarian society. We have tried to make of equality an ultimate principle. In some areas of educational theorizing this seems painfully obvious. . . Don't forget two things that come hard for youth to accept: one, that we all stand on other men's shoulders and, two, that men being men, there will not be a new heaven and a new earth tomorrow morning. Further, don't forget that an anarchic society will not work. Some order there must be."



John Wendell Macleod, LL.D.

Son of the manse, distinguished graduate of McGill, practitioner of internal medicine, pioneer humanist in the field of medical education. As Dean of Medicine at the University of Saskatchewan, he was among the first to recognize the profound effect of economic and social factors on health care and of the need to embody this recognition in the education of medical professionals. An early advocate of co-operation among medical educators, as first Executive Director of the Association of Canadian Medical Colleges he presided over the establishment of an integrated national secretariat for medical education.

One-time salesman, waiter, nickel miner, sailor, naval officer and friend of the late Norman Bethune, his genuine idealism coupled with a tough practicality and a persuasive gentleness have won him the lasting friendship of a large circle within the medical fraternity and outside it both here in Canada and abroad—all of whose names he is able somehow to remember.



Peter Charles Swann, LL.D.

Born in London, linguist, author, and oriental scholar. A forceful and restless combination of artist and innovator whose expertise has made him equally at home at Princeton University and at the Ashmolean Museum in Oxford. Since his appointment as Director of the Royal Ontario Museum in 1966, his energies have been directed towards bringing the Museum more closely into contact with the public. A constant gadfly and tireless prodder, his courageous approach and controversial but forthright views on the role of the museum in society have created a new and sharpened awareness.

A man whose personal dynamism has revitalized the established conception of the museum as an educational resource. Whose dedicated vision has resulted in a broad expansion of public involvement and increased public support, combined with a rigorous maintenance of standards and insistence upon continuity and quality.

"I have seen many changes in the short six years I have been here. Younger and freer minds are bringing their contributions to the decision-making process, bigger and more confident thinking is coming from our elected representatives, deeper consideration of what really constitutes the quality of life, a constructive rethinking of the human condition, a re-awakening of the democratic roots of our society, an impatience with pompousness, cant and humbug, a desire to harness the forces of discontent into productive channels. How much better it is to spend \$50 million on Local Initiatives or Opportunities for Youth programs than on a naval prototype inevitably destined for mothballs! We are a wealthy, healthy country. We can afford the great experiments and I think they are quietly taking place."

How the Spirit of '97 came to Convocation '72

Whatever became of the good oldashioned virtues such as sentiment, and pride of family, and respect for one's elders? All are well and living at Queen's, judging from this year's Convocations in which at least two yowns and one hood from the past hared the spotlight with the graduands.

One gown first made its appearince as the personal property of Etta Grimshaw, a member of the Class of Arts '15, who wore it to lasses, as was the custom in those lays. It appeared this spring on the houlders of John C. Flynn, Sc. '68, vho obtained his M.Sc. degree. John is married to a granddaughter of Etta Grimshaw O'Grady, Julie Clarke. Julie had worn the gown at her graduation in Arts in 1969, and ier sister, Joan, Mrs. Gregory Bryon, wore it when she graduated vith a B.Sc. degree in Arts last ear. The mother of the girls, Mrs. I.J. Clarke (Julie O'Grady), B.A. 42, and her husband, J.J. Clarke, 3.Sc. '41, had worn the gown at heir graduating ceremonies. It was

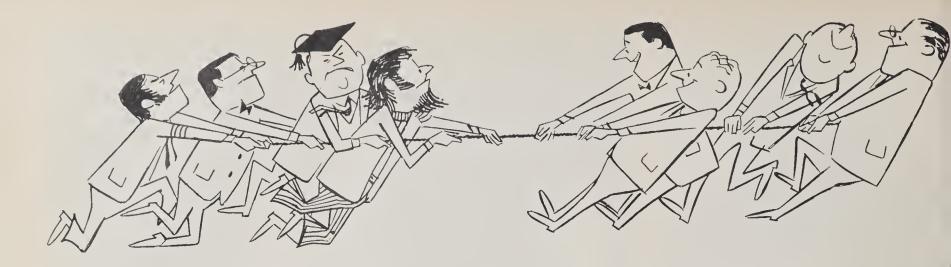


also given a workout by Dr. F.D. O'Connor, who wore it at the Convocation for the Class of Medicine '15, and by his granddaughter, Anne Smythe, who had it on this spring when she obtained her B.A.

Not bad, eh? Well, here's another: John H. Dolan broke in his hood when he obtained his B.A. in 1897, and his wife, Laura Nugent, a member of the Class of Arts '03, contributed a gown in her turn. George R. Dolan wore brother John's hood when he obtained his B.A. in 1898. He married Mabel Taylor, and she wore the hood when she got her B.A. in 1903. The gown and hood got together for the first time when John's daughter Kathleen obtained her B.A. in 1924, and her M.A. in 1925, and his younger daughter, Margery, her B.A. in 1931. The hood and gown were kept in circulation with the graduation of George's son, Dr. Ronald A. Dolan, M.D., C.M. '44, and they surfaced again with the graduation of his daughter, Laurie, a member of the Class of Arts '72.

John C. Flynn, Sc.'68, M.Sc.'72, sports a gown first worn by Etta Grimshaw, Arts'15. With him, left to right, are Mrs. J.J. Clarke (Julie O'Grady), B.A.'42, her daughter, Julie Clarke Flynn, B.A.'69, and J.J. Clarke, B.Sc.'41. Below, Laurie Dolan and her father, Dr. Ronald Dolan, M.D., C.M. '44, share a family gown from '03 and a hood from '97.





QUEEN'S vs. QUEEN'S PARK

By ALAN BROADBENT

Ontario Premier William Davis opened Duncan McArthur Hall this spring amidst a constantly moving crowd of demonstrating Queen's students. Wherever Mr. Davis turned, an orderly group with placards made their quiet point: they were alarmed at education policy.

The primary targets of the demonstration were an increase in student fees and a decrease in student aid, both announced in the provincial budget on March 28. Provincial Treasurer Darcy McKeough had announced that "the government believes it is inequitable for the taxpayers to bear all the costs of increases in this area (post-secondary education). Rather, students who benefit directly should bear a larger part of the costs."

He told the legislature that the basic university fee would be raised \$100 across the board for all programs. Students in arts, for example, would pay a basic fee of \$585 as opposed to the \$485 they paid last year.

In addition, graduate students, he added, would no longer have a "free" third term. They would pay \$585 for the winter term, plus an additional \$292.50 for the third consecutive term they spent on campus—a total of \$877.50 for a year's tuition. Previously, grad students paid for the fall and winter sessions, but paid only a nominal \$50 fee for the summer term. Adding other non-tuition fees, graduate students' costs for 1972-73 were raised to almost \$1,000 per year, a drastic rise from \$535.

McKeough also announced that teachers in training would pay a fee for the first time—\$585 for eight months. Student nurses would pay a fee of \$250 for the first time. Adding a sin of omission to the list as spring went on, the government decided to end its summer stipend of 94c an hour, or \$37.50 per week, for rehabilitation therapy students. Since their terms of clinical practice are essential to obtaining a diploma, they will have to do just as much work in area hospitals next summer, but will receive no money for it.

The overall effect of these government moves is that students will have to pay more to go to university. The blow was made more damaging by the fact that student awards were to be reduced from \$51 million to \$34.8 million. This reduction in money available for loans and awards directly affects the Ontario Student Awards Program (OSAP) and the Ontario Graduate Fellowship Program.

Students were stunned by the sudden increases, as were other members of university communities in the province. The Commission on Post-Secondary Education in Ontario dissociated itself from the changes, saying it "considered such steps to be desirable only if they took place simultaneously with increased financial support to those who need it and thus with increased accessibility to post-secondary education." Principal John J. Deutsch sits on this commission.

At Queen's, the response was generally unfavourable. The Graduate Student Society (GSS) was the most vocal group. GSS president Doug Pritchard told a meeting of graduate students that "Darcy McKeough and his buddy George Kerr (Minister of University Affairs) have lifted the bounty from wolves and put it on graduate students." Pritchard noted the rise in fees, and pointed out that combined with the reduction of money available for loans and awards, and the fact that student award money is now subject to income tax, graduate students would suffer a severe financial setback.

He pointed out that an unmarried graduate student with an average income of \$3,200 per year from grants and a teaching assistanceship would lose 20 per cent in taxes, fee increases, pension plan payment and health insurance premiums. The most disadvantaged, he said, would be married grad students whose wives do not work; they would lose 10 per cent of their income and could not possibly make ends meet.

He also noted that grad students in Ontario are being more disadvantaged than their counterparts in other provinces. Pritchard quoted a fee of \$3,510 for a three-year Ph.D. program in Ontario compared with a \$1,735 fee at the University of British Columbia.

The rehabilitation students have not formulated a protest plan but are discussing tactics, as are their faculty members.

Faculty of Education students are also upset about increases in their fees. For the first time, they will pay a fee for the one year of training they receive at McArthur Hall—a \$585 basic fee. The students feel that fee increases, coupled with the scarcity of jobs for teachers in Ontario, make preparations for the teaching profession beyond the financial grasp of many people. (At the time of the fee increases, only 19 per cent of Education grads had found teaching jobs; the figure has since risen to just over 50 per cent.

The Alma Mater Society responded less vigorously to the government announcements. President Greg Le-Blanc and vice-president Wally Palmer both adopted the attitude that the increases were overdue. They noted, however, "we are opposed to arbitrary across-the-board increases which are not part of an overall policy which includes a comprehensive loan plan to insure accessibility to higher education for all. We also believe that tuition fees should be more reflective of the actual costs of educating students in the different disciplines and the returns realized by the students on graduation." They rejected the ideas of demonstrations, fee strikes, or letters of protest, terming them "of no worth whatever."

Queen's administration could only accept the increases. The Principal noted that the increases would disadvantage and be unpopular with some students, but said that the University had little choice but to follow government dictates in these matters.

Assistant bursar Darryl Macdermaid explained to the Review that the formula by which the government supports the universities leaves individual universities no choice but to raise fees. The grants are based on what is termed the Basic Income Unit (BIU), which represents the amount it costs to educate the least expensive student (the Arts or Arts and Science student) for an eight-month period. The BIU for the coming academic year is \$1,765.

Different types of students are given "weights," according to the costs involved in educating them. For example, it is more expensive to educate a Medical student (5 BIU's per year) or a graduate student (about 3) than an Arts student, so medsmen and grads are given a greater weight. By this process, a figure is arrived at which represents the number of students enrolled, times the weight for students costing more than one BIU, multiplied by the amount of the BIU, or \$1,765. This amount is the basic operating income grant to the university. Subtracted from this figure is the total number of students enrolled times the standard fee (by program), the result being the government grant to the university.

To make this complex system more understandable, consider what happens with an Arts student. The BIU grant for him is \$1,765 and his weight is 1. From the multiplication $$1,765 \times 1 = $1,765$, subtract the basic ee for Arts, or \$485. The government grant for that student for eight months is \$1,280.

If the government decides fees should be raised by \$100, then the amount they give the university would be only \$1,180 for that student. It is the responsibility of the universities to raise the fee and collect it. If they do not raise the fee by \$100, they still receive only \$1,180 from the government and must find the \$100 elsewhere.

For Queen's, ignoring the increase would mean that \$850,000 would have to be found. Having recently heard the pleas for money for Queen's Capital Program, alumni are aware that the University does not have such surpluses on hand.

In response to student protests, the government adjusted its policy slightly. Principal Deutsch summed up the changes at the May 25 meeting of Senate by explaining that while universities were not normally permitted to use BIU income for student aid, the government had relented in this instance. He said the ceiling for teaching assistants had been raised from \$1,800 to \$2,400 per student (the amount to come from operating funds) and that bursaries of up to \$300 per student would be provided to graduate students who enrol for three consecutive terms (the money to come from operating funds).

In addition, the Principal said, the government would defer the starting point for the collection of third-term fees from graduate students. Students who apply for the third-term fee in fall 1972 or winter 1973 will be exempt from payment, and formula fees for such students will not be deducted in operating grant calculations. The third-term fee will apply for all graduate students enrolling in spring 1973.

Then, federal Finance Minister John Turner announced that students would be able to claim \$50 per month as tax deductions under the new tax laws. This would ease the strictures imposed on students by the opening of their student awards to the tax bite.

The matter of fee increases has raised questions of accessibility and accountability concerning the university community. Increasing the cost of education to the student is a move in the direction of universities for the wealthy, a concept that is alien to Queen's graduates who remember "the poor man's university" they attended. At the same time, the large number of unemployed university graduates must make society wonder if the university is worth supporting from public funds. The paradox is presented, and the formulation of answers will force an analysis of the university which may drastically change its form and operation.

Students have been relatively inactive on this issue, for they have been away from the campuses for the summer. When they return to universities and colleges in Ontario this September, though, it is very likely that the issue of fees will be revived in another lively bid for public attention.

Alan Broadbent is Rector of Queen's University and a part-time graduate student.

NOMINATIONS, PLEASE

As provided in the bylaws of the University Council that govern the elections of the administrative bodies of Queen's, graduates and graduate-benefactors of the University are hereby notified that nominations of candidates for election to these bodies are not sent out except to the elected members of the University Council and to the non-graduate benefactors in the case of Trustee elections.

NOMINATIONS for ELECTION to the **BOARD OF TRUSTEES** by GRADUATES

NOMINATIONS for ELECTION to the **BOARD OF TRUSTEES** by the BENEFACTORS

GUIDELINES FOR NOMINATIONS AND **APPOINTMENTS**

Graduates of the University (except those who are elected members of the University Council from whom nominations are solicited as stated below) may nominate two candidates for election to the Board of Trustees to succeed S.R. Blair, B.Sc., Calgary, Alta., and Miss Evelina Thompson, B.A., B.Ed., Toronto, Ont., whose terms expire on April 20, 1973.

Mr. Blair and Miss Thompson are eligible for re-election. No other members of the Board should be nominated and no members

of the University staff are eligible.

Candidates must be nominated by five or more electors in order to qualify. Nominations must be in writing, signed, and received by the Secretary of the University on or before December 31, 1972. The Trustees elected will serve until 1976.

Benefactors who have contributed \$100 or more to the University may nominate two candidates for election to the Board of Trustees as follows: (a) under the Act of 1912 (General)—one Trustee to serve until April 20, 1977, in succession to W.W. Muir, B.A., Ottawa, Ont. Mr. Muir is eligible for re-election. (b) Under the Act of 1916, providing for the representation of the "School of Mining" (Special Science)—one Trustee to serve until April 20, 1976, in succession to W.V. Moore, B.Com., Toronto, Ont. Mr. Moore is eligible for re-election.

No other member of the Board should be nominated, and no member of the University staff is eligible. Candidates must be nominated by five or more electors in order to qualify.

Nominations must be written, signed, and received by the Secretary of the University on or before December 31, 1972.

At a meeting on February 11/12, 1972, the Board of Trustees approved the following recommendations for appointments to the Board:

1. Maximum Age—The maximum age for any elected or appointed member of the Board of Trustees shall be 72 and no person shall be elected or appointed to the Board who is over the age of 68 at the time of his (her) election or appointment. Notwithstanding the foregoing, every present member of the Board may complete his (her) current term of office and, until

May 31, 1976, shall be eligible to be elected or appointed for a further term unless at any time during such term he (she) would be age 78 or greater.

- 2. Length of Service—The maximum length of service in office shall consist of a maximum of 12 consecutive years, provided
 - the period of service completed by anyone elected or appointed to serve a broken term of office shall be disregarded in computing his (her) length of service on the Board for the purpose thereof;

after a break of at least one year, an individual otherwise qualified is then eligible to be re-elected or re-appointed to the Board;

iii) any present member of the Board who will have completed

twelve years of service prior to May 31, 1975, may be elected or appointed for an additional term not to exceed four years;

iv) anyone who is elected a Chairman or Vice-Chairman of the Board or its Executive Committee may be re-elected or re-appointed as a member of the Board for a further term of office not exceeding four years.

* * *

The Board of Trustees asked that these recommendations be published in the annual notice which appears in the Queen's Review with the hope that the graduates and benefactors would be prepared to adopt them as guidelines in nominations for election to the Board of Trustees.

NOMINATIONS
for ELECTION to the
UNIVERSITY COUNCIL
by the GRADUATES

Graduates of the University may nominate 16 candidates for election to the University Council to succeed the following members whose terms expire in 1973: J.A. Armstrong, B.Sc., Willowdale, Ont.; Mrs. C.W. Baugh, B.A., M.A., Orillia, Ont.; D.C. Bews, M.D., C.M., Montreal, Que.; J.C. Crosbie, B.A., LL.B., St. John's, Nfld.; Mrs. R.N. Dobson, B.A., Burlington, Ont.; B.L. Farrand, B.Sc., Willowdale, Ont.; J.P. Insley, Willowdale, Ont.; G.E. Perrin, B.A., Ottawa, Ont.; G.R. Post, B.A., M.A., Ph.D., Ottawa, Ont.; F.L. LaQue, B.Sc., LL.D., Verona, N.J.; Mrs. J.G. MacGregor, B.A., Clarkson, Ont.; J.L. Murray, B.A., B.Paed., Kingston, Ont.; Ian MacF. Rogers, Q.C., B.A., Toronto, Ont.; Mrs. W.A. Rogers, B.A., B.Com., Beaconsfield, Que.; G.O. Toller, B.A., Ottawa, Ont.; Miss Mary E. White, B.A., M.A., Toronto, Ont.

Candidates must be graduates of Queen's and must receive five or more separate nominations in order to qualify. Nominations must be in writing (permission must be obtained from the nominee to allow his or her name to appear on the ballot paper), signed, and received by the Secretary of the University Council, on or before December 15, 1972. The members elected will serve until March 31, 1979.

Directors meet; hear report from students

In the eyes of students the Alumni Association is composed of old people, at least the age of their parents, and has no reason for existence other than fund-raising.

So reported R.F. Buller, a member of the Class of Arts '71, for the meeting of the Alumni Directors on May 26. Mr. Buller had conducted a survey on student-alumni relationships, the last in the series of studies sponsored by the Alumni Association in connection with the self-study program initiated in 1969.

It is up to the Association to improve its image by establishing closer contact with the student body and by involving the students in co-operative ventures, advised Mr.

Buller. He made a number of suggestions for the consideration of the Directors: career counselling, guidance for prospective students, bursaries, preservation of traditional groups and activities whose existence is precarious, awards for teaching excellence, class projects, and establishment of a museum. "Student involvement will not just happen—it must be precipitated," said Mr. Buller.

The Directors:

- Approved the report on student-alumni relationships.
- Agreed to a proposal outlined by Rev. Dr. A.M. Laverty, University Chaplain, that alumni assist in

the screening of applicants for bursaries to be made available to students in the Yukon and Northwest Territories and in all provinces other than Ontario and Quebec.

- Agreed to set up an Alumni Fund Council in which the branches would be represented.
- Approved the program for Reunion Weekend, October 20-22, highlighted by a University reception, a pre-game box luncheon in the Bartlett Gymnasium, a post-game reception in McArthur Hall, a dinner in Wallace Hall, a buffet in Victoria Hall, and a University Church Service
- Agreed to sponsor another Alumni Ski Week next winter.

Campus Planning:

What appears to be a recent concern actually dates back to 1909 at Queen's

By Shirley Spragge

In December 1968, Queen's established the post of University Campus Planner—but, in fact, campus planning had come to Queen's 60 years before in the person of John Nolen, known as "the father of American planning." The hiring of a professional planner by Queen's back in 1909 may even have been a Canadian first.

At a time when the University's postgraduate School of Urban and Regional Planning has just graduated its first Masters of Planning, it is interesting to note that Queen's interest and involvement in the planning profession goes all the way back to 1909.

That year is hailed in retrospect as the beginning of the golden era in town planning. In that year the Liverpool School of Civic Design was instituted, Harvard gave its first separate course in "The Principles of City Planning," the Plan of Chicago by Daniel Burnham and Edward Bennett was published, and the National Conference on City Planning (in which Canadians participated) was established. It was in 1909 that the British Parliament passed "The Housing, Town Planning, etc. Act," which permitted the Local Government Board to authorize a local authority to prepare a town-planning scheme. British governmental action preceded American or Canadian by a number of years, but it was in 1909 that Queen's hired as campus planning advisor John Nolen, a



John Nolen

Harvard graduate in landscape architecture, already well established in the emerging profession of planning.

It was probably personal contact with a faculty member of the School of Mining that led to the proposal that Nolen be hired. The occasion was the offer by Prof. William Nicol, M.A.'83, Queen's first professor of Mineralogy, of money for the building that bears his name. The minute book of the Queen's Finance and Estate Committee of May 17, 1909, records that "it was decided to secure a report on the University grounds from John Nolan[sic], landscape artist, Boston, Massachusetts." Unfortunately, nothing more is recorded about Mr. Nolen or any report he may have made, probably because at the Trustees' April meeting three Faculties had agreed that the continued connection with the Presbyterian Church was

detrimental to the progress of Queen's, and this issue obscured other concerns.

But the John Nolen Papers, now in the Collection of Regional History and Archives at Cornell University and open to the public in their entirety for the first time, fill in some of the details. In the 1920s, the American Society of Landscape Architects made a survey to see what planning projects had been implemented. Among Nolen's files assembled for his response is an office form showing that he had written George Chown, Registrar of Queen's, in March 1920, inquiring what action had been taken on his proposals at Queen's. Queen's Archives have no record of the receipt of this enquiry, but Nolen's form has the answer, "some buildings built in accordance with the plan."

John Nolen was a great user of visual media; his papers contain 4,000 glass lantern slides and 5,000 postcards, along with plans, photographs and maps used in his presentations and public and academic lectures at Harvard and elsewhere. Among his more personal photos is a packet marked "Kingston." Grant Hall and the Theological College are well shown; there is an open tract that might be Union St.; photos of an unspoiled lakeshore and the playground at Victoria School are highlighted by the inclusion of groups of little girls in floppy tams. Obviously he had a pleasant time in Kingston.

Nolen's work as a campus planner came early in a long and

distinguished planning career that stretched from 1905 to his death in 1937. He drew up plans for other campuses, notably the University of North Carolina, Smith College in Northampton, Mass., the University of Wisconsin and, later in the 1920's, Mount Allison in New Brunswick. As planning developed, Nolen's career interests broadened, too. His papers document his activities as city planner, writer, lecturer and participant in national and international planning organizations right up to his latest years as state-planning consultant in the New Deal era and his association with two great regional planning studies in New York and Philadelphia.

Town planning early evoked a great community of interest between Canadian and American planners, professional and citizen. Among Nolen's Canadian correspondents were Noulan Cauchon, author of an early plan for the city of Ottawa, and Thomas Adams, who came to Canada from England in 1914 as town planning advisor to the Federal Commission of Conservation and who is now called the father of Canadian planning.

So it is obvious that Queen's hiring of a professional campus planner was well ahead of any national trend. Sixty years later, when the need was recognized for someone to plan the University's continuing expansion and to co-ordinate academic goals with physical growth, civil engineer Graham Andrews was appointed Queen's first full-time campus planner. He returned to his native



One of Nolen's glass slides shows little girls of Victoria School on Union St. playing at recess, with the high school (now KCVI) in the background.

Australia last summer.

His successor is architect Eric Thrift, former general manager of the National Capital Commission and twice head of the Town Planning Institute of Canada and the American Society of Planning Officials. Mr. Thrift is also newly appointed head of the School of Urban and Regional Planning, which enrolled its first students in the academic year 1970-71 under the direction of a long-time civil engineer at Queen's, Dr. S.D. Lash.

The Master's program in the School extends over two years and

consists of lectures, seminars, and practical work, appropriately balanced between theory and practice. Queen's first master planners will take their place among the alumni at the next Convocation.

ABOUT THE AUTHOR: Shirley Spragge is the wife of Prof. Godfrey Spragge of the School of Urban and Regional Planning. Before settling in Kingston, she worked in the Cornell University Archives, prepared a finding guide to the John Nolen Papers over a period of three years, and worked on the bibliography of his writings, to be published by Cornell.



Picture shows a tree-bare Kingston Hall, opened in 1903, and the "new" Grant Hall.

Lost Trails

The graduates listed alphabetically below are in the "current address unknown" category. If you have any information about the whereabouts of these former students or news of any deaths, it will be appreciated by the Alumni Office, Queen's University, Kingston, Ont.

Adamson, James Gilbert - B.A. 1930 Bain, Allen Lewis - B.A. 1932 Blake, Mrs. Philip Victor (Shirley R. Colcleugh) B.A. 1932 Hons. Bloomfield, Morris - B.A. 1932 Hons. Burchill, Charles Samuel - B.A. 1930, M.A. 1931 Byron, John Thomson - B.A. 1931 Cook, Donald Roy - B.Com. 1929 Cook, Rev. Milton George - B.A. 1933 Daly, William Dougald - B.Com. 1932 Faust, Anna Josephine - B.A. 1930, 1931 Facey, Bessie Amelia - B.A. 1929 Gould, Ford McGuire - B.A. 1916, B.A. 1930 Kay, Williard Bowser - B.A. 1929, 1930 Kirk, Nina May - B.A. 1930 Fall Hon.

REUNION

Killins, Rev. Robert Ivan - B.A. 1931 -

Larrigan, Edward William - B.A. 1931

McCutcheon, John Welland - B.A. 1931

Theol. 1932

Classes of Arts '37 and Arts '36

Reunion headquarters for the Class of Arts '37, joined by the Class of Arts '36, during

Reunion Weekend (October 20, 21 & 22, 1972)

will be the Commodore Motor Hotel, 840 Princess St., Kingston

A meeting room will be open during the weekend for the use of the class members and friends.



Record number of Golden Gae vying for big league berths

By Chris Boon

A record number of Queen's graduates are among the many hopefuls sweating out the first weeks of this season's CFL training camps. An even dozen former Gaels, including three members of last season's squad, are vying for positions with Ottawa, Toronto, Edmonton and the B.C. Lions.

As usual, the Ottawa contingent is the largest, with veterans Skip Eaman, Sc. '71, and Tom Schultz, Ed. '71, being joined by rookies Jim Sherritt, B.A., B.P.H.E. '71, B.Ed. '72, and Al Dresser, Ed. '71.

Eaman, a starter most of last season with Ottawa, has been hampered by an ankle injury and faces a challenge from Terry Wellsley, while the return of tight end Tom Pullen from the Montreal Alouettes poses a real threat to Schultz.

Dresser, a guard last season with the Gaels, is being tried at centre. The Riders have six centres in camp, including last year's back-up man, Bob McEwen, and Dresser's chances do not appear bright. Cam Innes is trying out at centre with the Montreal Allouettes, and his prospects are regarded as good.

Moving westward, three former Queen's stars are trying to survive Leo Cahill's Argo camp in sunny Aurora. Defensive end Doug Walker, Law '72, linebacker Ron Faulkner, Law '71, and receiver Tom Chown, Law '71, are all battling for a place on the roster.

Still farther west, there is a growing and most successful Queen's football colony in Edmonton. Defensive backs Mike Law, Arts '62, and Bayne Norrie, B.P.H.E. '66, M.B.A. '68, have been regulars with the Eskimos for several years and rookie Jay Graydon, Ed. '72, has hopes of joining them. Graydon's versatility (he played offensive halfback and quarterback with McMaster before coming to Queen's) will probably be a major factor in the final outcome.

Finally but by no means last, there are B.C. Lion regulars Jim Young and Robert "Bo" Howes. Young, a sensational performer on Frank Tindall's championship team in '63 and '64, has been equally sensational in the C.F.L., while

Every rookie gets a chance to show his wares during a Toronto Argonaut workout in their Aurora camp.

"Bo" Howes (remembered by many for his basketball career at Queen's) has turned into one of the best players in the league.

One other Queen's grad deserves some mention. Linebacker Mike Lambros, a three-time OQAA and OUAA all-star and an All-Canadian choice this past season, was signed to a two-year contract by the Atlanta Falcons of the N.F.L. Shades of Jim Young revisited! The Falcons see Lambros as a potential outside linebacker and punter, both areas in which coach Norm Van Brocklin's club needs help.

EDITOR'S NOTE: Chris Boon of the Queen's Journal's sports staff wrote this piece early in the season, before any exhibition games had been played or any cuts made, and when hopes were still running high. Hardly was the ink dry on his appraisals when heads started to fall, including those of some of his brightest prospects. Nonetheless, the situation marked a new high in the number of Queen's players trying out for a career in the hard-nosed world of professional football.



If you are about to change your address or have just done so, please fill in the coupon and mail it to the Alumni Offfice, Students' Memorial Union, Queen's University, Kingston, Ont.

Name
(Family Name First)
Degree/Year
Previous Address
Please check square □ below to indicate where you wish to have your alumni mail directed.
Residence Address
Business Address
Occupation
(If your move involves a promotion, a new job, we'd appreciate a note for a news item in The Qucen's Review).
Permanent Reference
(Name and address of friend or relative through whom you may be reached for an indefinite time)

Alumnae Celebrate Diamond Jubilee

The 60th annual meeting of the Queen's University Alumnae Association (QUAA) was celebrated with a residence weekend in Chown Hall, May 12 and 13. The president, Mrs. K.B. Parkinson, introduced members of the alumnae to the new Dean of Women, Mrs. Evelyn Reid, at a wine and cheese party held on Friday evening.

Ban Righ Hall Common Room was the scene of the annual meeting on Saturday morning. The meeting voted \$2,000 to the capital fund of the Marty Memorial Scholarship. Over the past two years, \$1,800 has been given for bursaries, more than half of it coming from the branches. Miss Gladys Heintz of Toronto was elected the new president.

The anniversary luncheon was held in the Faculty Club, with more than 100 in attendance. Former deans Dr. A. Vibert Douglas and Mrs. Edwin Bryce were present,

along with Mrs. William
Mackintosh and Mrs. John J.
Deutsch. Speakers were alumnae
members who gave interesting and
humorous accounts of their days as
students at Queen's. They were:

Miss Mary Macdonnell, Arts'10; Mrs. Norman Miller, Arts'04; Mrs. Hyde and Mrs. D.M. Chown, Arts'17; Mrs. T.K. Waddell, Arts'20; Dr. Jean Royce, Arts'30; Mrs. W.R. Sutton and Mrs. W.J. Megill, Arts'32; Mrs. Allan MacKay, Arts'43; Mrs. Hugh Kellam, Arts'49; Mrs. Carolyn Cameron, Arts'50; Mrs. Donald Collins, Arts'61, and Miss Mary Newitt, Arts'71.

A fashion show, showing the past 60 years in women's dress, was presented by recent graduates, organized by Janie Slack Bates, Arts'71.

This residence weekend was a gala occasion, enjoyed by all.

Apart from the outgoing and incoming presidents, the slate of officers elected was as follows: 1st Vice-President: Mrs. A.W. MacKay, Montreal

2nd Vice-President: Mrs. F.W. Gibson, Kingston

3rd Vice-President: Mrs. H.I. Kellam,

Ottawa Honorary Treasurer: Mrs. D.B. McPherson,

Toronto
Honorary Secretary: Mrs. Fric Gray

Honorary Secretary: Mrs. Eric Gray, Toronto

Ass't Secretary: Mrs. R.J. Kennedy,

Kingston

Archivist: Miss Rosemary Gibson, Kingston.

Councillors: Miss Leslie Lynch, Toronto; Miss Gayle McDougall, Toronto; Mrs. C.G.W. Bird, Ottawa; Mrs. W.R. Sutton, Montreal; Mrs. Donald Collins, Toronto; Mrs. C.J. Tanner, Ottawa; Mrs. C. Brodeur, Montreal; and Mrs. F.W. Judge, Toronto.

Representatives to the Ban Righ Board: Mrs. D.D. Carter, Kingston; Mrs. A.T.E. Anderson, Ottawa; Mrs. R.J. Irvine, Toronto; Mrs. W.G. Richardson, Harrowsmith; Mrs. J.W. Thomson and Mrs. E.E. Sterns, both of Kingston.

Nominating chairman was Mrs. Gordon Beattie, Ottawa.

Mrs. K.B. Parkinson (left) is retiring president of the QUAA and Miss Gladys Heintz is the new president.



Recent grads dressed in the costumes of the past 60 years presented a fashion show at the Saturday luncheon and served as "illustrations" for a series of speakers. Left to right, they represent the '20's, '60's, '10's, '50's, '30's and '70's.



ALUMNI FUND 1972-73

OFF TO GOOD START

The Annual Alumni Fund now operates on the University fiscal year —May 1 to April 30.

Prior to the first mailing in April, 352 graduates had contributed \$16,605. Since the first mailing a further 1,513 donors have been recorded and the Fund total at June 15 stood at \$57,125.

We are pleased to report that 363 alumni have seen fit to increase their donations this year, swelling the Fund total by \$4,000. Plans are being implemented to reconstitute the Alumni Fund Committee and introduce area TELE-THONS to wind-up the Annual Fund each spring. Our goal for 1972/73 is to reach or surpass \$200,000.

Around the Campus

Institute says railway best for Arctic oil

How about an Arctic tank train to beat the oil-spillage problem? A Queen's-based research institute thinks it's a good idea.

At a recent national press conference in Ottawa, the Canadian Institute of Guided Ground Transport (CIGGT) announced that a railway-pipeline system down the Mackenzie Valley to transport Arctic oil to eastern markets was "technically and operationally feasible and financially attractive."

The CIGGT study favours a 1,240-mile Arctic oil railway from
Prudhoe Bay to a southern terminal at Trout River, with a pipeline connection through to the existing continental pipeline distribution system.

It estimates that Prudhoe Bay oil can be delivered through a rail-pipeline combination to the Chicago area at a transportation cost of \$1.07 a barrel.

The Institute's study is based on the use of existing modern railway technology and is designed to meet the requirements for a capacity of two million barrels of oil per day (same capacity as a 48-inch-diameter pipeline). Railway capacity could be made much higher simply by adding rolling stock and terminal facilities.

To transport this volume of oil to market, 11,000 tank cars of 100-ton capacity would have to be shuttled along the two rail lines from the North Slope to the Trout River terminal. This could be accomplished through the movement of 20

trains each way daily—each train made up of 168 tank cars with a capacity of 20,800 imperial gallons each, powered by five locomotive units.

The CIGGT study points out that railways operate under similar environmental conditions in other parts of Northern Canada, in Northern Scandinavia and in Russia.

Estimated cost of building the railway is \$2.4 billion; annual operating cost would be \$194 million.

On the assumption that half the materials and four-fifths of the labour force will be supplied by Canada, 50,000 jobs would be created in Canada. Primary permanent jobs created would be in excess of 4,500; many of them would be suitable for native people. A townsite of 25,000 could result near the Trout River terminal.

The route favoured by the CIGGT—along the North Slope to the Mackenzie delta, and up the Mackenzie Valley to just north of the 60th parallel with a transfer to pipeline at that point—would be the shortest of those considered, have smaller gradients, and would avoid the major caribou migration routes.

Environmental damage was of great concern to those studying the whole problem of arctic oil transportation. CIGGT is convinced that the railway would offer far less ecological threat than a pipeline, which would need heat to keep the oil flowing and would open the possibility of leakage.

Construction of the railway's right-of-way would inevitably destroy a certain amount of habitat, says the report, but "properly constructed, the railway need not interfere unduly with the thermal and hydraulic balance in the area."

Use of the rail mode, says the report, permits a design which "minimizes the disturbance to the plant cover by using fills of well-drained materials to blanket and preserve the frozen condition of frost-susceptible soil material."

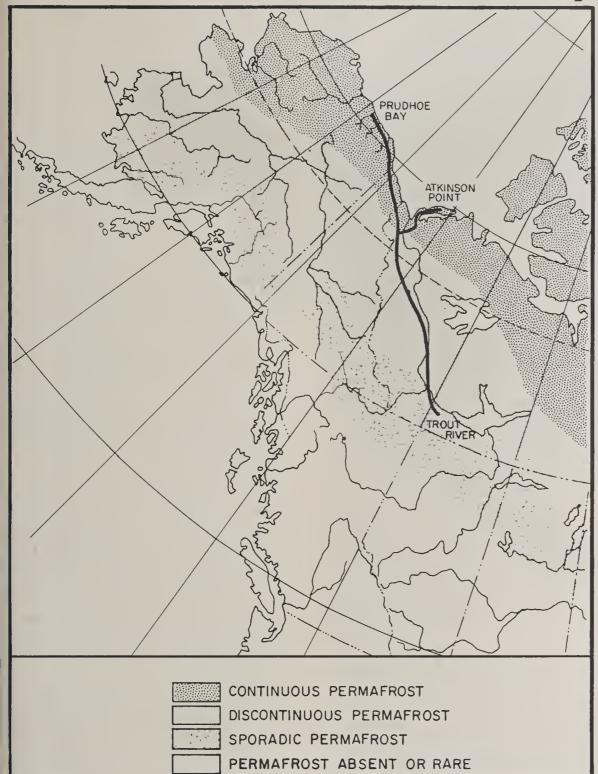
Construction of a railway would involve year-round operations for five years and some massive engineering work. Two major crossings of the Mackenzie would be required, plus a minimum of 40 other bridges including several major ones. Never theless, it would be cheaper than a pipeline for the whole route "by many millions of dollars."

In addition, such a railway would assist the development of mineral deposits in the Mackenzie Valley.

The study was conducted in cooperation with Carnegie-Mellon University, which had done an earlier study on the subject, plus Canadian National, Canadian National, Telecommunications, and PROCOR Ltd. (Rail Car Division).

FOR MORE DETAILS
Copies of the study may be
purchased from the Canadian
Institute for Guided Ground
Transport, Queen's University.

Proposed route of 1,200-mile railway



Dismiss city's call for tax relief

When the citizens of Kingston presented Ontario Treasurer Darcy
McKeough with a five-inch-thick petition calling for grants in lieu of taxes on tax-exempt property, his response was not surprising: Kingston's tax problem is "unique", he conceded, but not as serious "as Kingston would have us believe."

Queen's is the sorest point with many Kingstonians. The University, the hospitals, churches, government property for military and administrative purposes, plus schools, account for 35.4 per cent of city properties—484 actual properties which are tax-free.

For the past two years, the province has paid Kingston \$35 for every student enrolled at Queen's and St. Lawrence College—an amount last year of \$313,000. Queen's also pays \$80,000 a year for garbage collection. If full taxes were paid on these and other tax-exempt properties, though, the city coffers would be taking in about \$2.4 million.

Among the 13,000 Kingstonians who signed the petition was Queen's Principal, Dr. John J. Deutsch.

University takes over bookstore from engineers

A comprehensive multi-service bookstore has been approved by Senate and the Board and eventually will be located in the proposed University Centre.

The present bookstore, Technical Supplies, is operated by the Engineering Society through an incorporated company, QUESSI. The new bookstore will be owned by the University and operated by a board of management responsible to both the Senate and the Trustees. This board will be made up of students, faculty and other representatives.

It will be restricted to "those services which benefit the University community without impinging unreasonably on the commercial community."

Book prices may go up, but publishers' list prices will be the upper limit. Until the bookstore and its related services can be moved into the University Centre, operations will continue at Tech Supplies, and expansion toward a more comprehensive store is already in progress.

Play part in moon mission

Whether they knew it or not, the crew of Apollo 16 was teamed up with some Queen's scientists during the last moon mission. Queen's Radio Astronomy Group, headed by Prof. V.A. Hughes, made observations of radio waves emanating from the constellations Scorpio and Cygnus while the astronauts simultaneously used x-rays in an effort to determine the variability of waves from the two constellations.

A new Ontario Strand?

Stone and earth dug from under the lower campus are being used as landfill along the waterfront as work continues on the underground parking lot. The fill will extend the waterfront park area between Lower University Ave. and Collingwood St. The shoreline will be curved randomly, and Queen's will landscape it with grass and trees before presenting it to the city.



Dr. R.L. McIntosh

D.Sc. and CIC prize for Dean of Graduate Studies

Dr. Robert L. McIntosh, Dean of the School of Graduate Studies and Research, won the 1972 Chemical Education Award of the 10,000member Chemical Institute of Canada. He received his award June 5 in Quebec City.

During June he also received an honorary D.Sc. from McGill University, where he took his postgraduate degree.

Dr. McIntosh came to Queen's as Professor of Chemistry in 1961 and was Associate Dean of Arts and Science (Sciences) before assuming his present post in 1970. While Dr. McIntosh is on sabbatical leave in 1972-73, Dr. Jack Hogarth will be Acting Dean of the graduate school.

Kingston Symphony offers five new awards

Ten new scholarships in music, valued at \$500 each, will be awarded annually, beginning in 1972-73, to students in the Bachelor of Music program. Five of them will be provided by the Kingston Symphony Orchestra to students whose major instrument is an orchestral one. A condition of these awards is that the holder become a member of the Symphony if he is invited to do so.

The Board of Trustees matched the K.S.O.'s generosity by approving another five scholarships which will be awarded without regard to area of specialization or year of enrolment.

This Queen's scientist may have you riding magnetic cushions at 300 mph

A Queen's physicist has received \$71,000 in grants for further development of high-speed transport using magnetic levitation, or "Maglev." Prof. David Atherton received a \$59,000 contract from the Transportation Development Agency through the Canadian Institute of Guided Ground Transport (CIGGT) for work on magnetic levitation of high-speed guided ground vehicles and variable-speed linear synchronous-motor propulsion. A further \$12,000 was awarded by the National Research Council for research on aspects of cryogenic-power transmission and high-field super-conducting magnets.

Maglev is being considered for transportation systems in densely populated urban areas. Speeds up to 300 mph would be possible.

Maglev uses magnetic cushions in the way a hovercraft uses air. The vehicle would travel over a guideway covered with a conductor such as aluminum. It would be equipped with wheels for travel at low speeds.

High school students plan attack on pollution

Student representatives of 600 Ontario high schools are expected to converge on campus late in August to hear "The Straight Goods" about the environment.

"The Straight Goods" is the name chosen for the second annual youth conference on the environment, co-sponsored by Queen's and Ontario's new Ministry of the Environment.

About 60 resource people from business and industry, government and community groups will be on hand for informal dialogues with the student delegates, and several renowned key speakers will deliver 10-to 15-minute stage-setting papers. On the last of the three days, speakers and students will formulate a plan of action to generate specific ideas for environmental action by high school students.

It would be pollution-free but relatively expensive, because it would use electrical rather than chemical energy.

Considerable interest has been shown in the potential of Maglev by American and Japanese authorities. Representatives of the U.S. Department of Transport and its contractors recently met with members of the Queen's-Toronto Maglev group (which is headed by Professor Atherton) to co-ordinate work under the U.S.-Canadian Transportation Research Sharing Agreement. A team from the Japanese National Railways is also planning a visit.

Commemorate grad 1900

A scholarship in memory of James Osborne Clothier, B.A. 1900, has been established by his niece, Miss Catherine Boyle. Mr. Clothier was a long-time resident of Kemptville, Ont. The award named for him will be made annually to a student from North Grenville Secondary School who intends to pursue a career as a teacher of modern languages, one of which must be French.

\$250,000 for 83 grads

A total of 83 Queen's students in the humanities and social sciences have been awarded Canada Council doctoral fellowships worth \$248,400 for the 1972-73 academic year. Most of the awards are for \$4,500 and \$3,500 each. The fellowships are for training Canadians for careers in university teaching and research in the humanities and social sciences.

Congregate to meditate

What event could draw together guru Maharishi Mahesh Yogi, Marshall McLuhan and Dr. Hans Selye? A symposium on the Science of Creative Intelligence, which brought about 1,000 people from all over North America to Queen's during July. The symposium was sponsored by the Students' International Meditation Society.

Cut Nursing enrolment

Queen's School of Nursing, along with Kingston General Hospital and Hotel Dieu Hospital, will reduce student enrolment by approximately one-third this fall. Queen's intake will be down from 70 to 50.

The agreement to reduce classes was brought about by limited clinical facilities, the lessening number of available patients, plus space shortages.

Three retire from English

Three faculty members have retired from the English Department—Professors Beatrice Bryce, retired Dean of Women; H. Pearson Gundy, former Chief Librarian and editor of Queen's Quarterly; and Alastair Walker, who joined the Department in 1944 and has longer service than any other present member.

Intersession a big hit

The experimental six-week intersession held from May 10 through June 23 appears to have been a great success. About 600 students registered for 21 Arts and Science courses—many of them students from Engineering, Business and Education. The most popular courses were those in sociology, psychology, drama and film.

The between-sessions program was undertaken in response to government requests that Ontario universities attempt to make fuller use of their facilities and shorten, wherever possible, the educational process.

If the intersession is approved for future years, students taking two courses each session will be able to tram the requirements for a four-year degree into three actual years. The intersession does not overlap he long-established Queen's Sumner School, which also runs for six weeks in July and August.

The government has made student aid available to those who take a ninimum of three courses in the two programs.



Small glass fibre model gives a rough idea of Queen's entry in urban auto contest.

Score breakthrough on urban auto

A team of Queen's engineering students designing an urban vehicle for a contest in Chicago this month have achieved a breakthrough in power transmission. (See feature in the January-February Review.)

Their car uses the combination of a constant-speed diesel engine and a hydraulic accumulator. A pump driven by the diesel continually supplies hydraulic oil under pressure to the accumulator, which stores energy for acceleration. The motor has the ability to recapture energy when braking and deliver it back to the accumulator for reuse.

There are three main advantages

to such a transmission: low pollution from the steady-speed diesel, regenerative braking, and large-output performance from a relatively smallpower input.

The four-passenger vehicle has been built from scratch for safety. It incorporates roll bars, energy-absorbing bumpers, and specialized seating. Care has been taken to reduce pollution that affects the eyes, ears and respiratory system.

The chassis is tubular aluminum. It, as well as the engine and other key parts, have been donated by industry.

Pressure on Kingston finally easing as more student housing completed

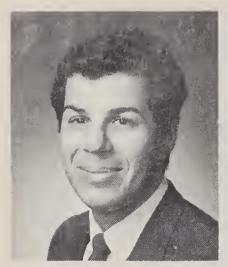
For the first time in recent years, the return of students to Queen's in the fall should exert no pressure on housing in Kingston.

According to projections, 575 more students are expected than attended Queen's in 1971-72. Of these, 10 percent will be living at home or with relatives in the Kingston area, leaving a need for 520 additional beds.

At least 750 more "residence" beds are expected to be available—390 in the West Campus complex behind McArthur Hall, plus up to 400 at Elrond College, the high-rise co-op on Princess Street.

Of 755 new dwellings scheduled for completion this year, only 610 are needed to meet Kingston's normal population growth. If even a third of this surplus is made available for student occupancy, about 145 beds would be added to the total. Hotel and motel rooms, which have been available to meet housing emergencies the past three sessions, have not been included in this year's tally.

Members of the Principal's Ad Hoc Committee on Student Housing are breathing much easier this summer than they have since students pitched tents in front of Summerhill back in '68.



Dr. R.A. Price

New head of Geology known widely in his field

Dr. Raymond A. Price, a member of faculty since 1968, has been appointed head of the Department of Geological Sciences for a five-year term. He is a native of Winnipeg and a graduate of the University of Manitoba (Hon. B.Sc. 1955) and Princeton (A.M. 1957, Ph.D. 1958).

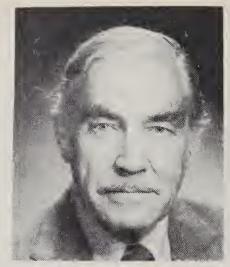
Dr. Price is chairman of the Canadian National Subcommittee for the International Geodynamics Project, a member of the National Research Council's Advisory Committee on Research in the Geological Sciences, a member of the Associate Committee on Geodesy (also N.R.C.), the Canadian Advisory Committee on Rock Mechanics and the national organizing committee for the 24th International Geological Congress. He is also associate editor of the Canadian Journal of Earth Sciences.

In June he was elected to fellowship in the Royal Society of Canada.

Old English specialist wins American fellowship

Prof. George Clark, a member of the English Department since 1965, is one of three Canadians to be awarded post-doctoral fellowships by the American Council of Learned Societies for research in the humanities and related social sciences.

A specialist in the early Middle Ages, Professor Clark will use the award to do a comparative study of *Beowulf* and *Njalssaga*.



Prof. E. Thrift

Campus Planner named to urban planning school

Eric Thrift, Campus Planner since last summer, has been appointed Acting Director of the School of Urban and Regional Planning. He succeeds Dr. S.D. Lash, who had headed the School since its founding three years ago.

While he is Acting Director, Mr. Thrift's duties as Campus Planner will be appropriately reduced to allow him to make the necessary contribution to the work of the School.

Hungarian society's gift presents 'the other side'

Historians and politicians wishing to look at "the Hungarian side" of the 1956 uprising can now delve into it for hours at the Douglas Library. The Calgary-based Széchényi Society, Inc., and its Hungarian Education Committee have presented Queen's with a collection of 21 works by contemporary Hungarian writers—17 of them translated into English.

In writing to Principal John J.
Deutsch, Society president Joseph
Fulopp quoted James Michener's
post-revolution book *The Bridge at Andau:* "Since Hungary has produced few persuasive historians, her side of any quarrel has not been well presented to the public."

"We believe," wrote Mr. Fulopp, "that these books and documentary booklets will be helpful for those who wish to study the 'Hungarian side' and then form their own unbiased opinion."



Dr. P.C. Dodwell

Accepts five-year term as head of Psychology

Dr. Peter C. Dodwell has been appointed head of the Psychology Department for a five-year term. He fills the post formerly held by Dr. W. Robert Thompson, who is on sabbatical leave overseas for 1972-73 and will return as professor in the Department.

Dr. Dodwell studied mathematics, philosophy and psychology at Oxford and took a doctorate in experimental psychology. He taught for three years in the University of London before coming to Queen's in 1958. Since then he has spent three sessions off campus as visiting professor at London, Stanford and Harvard.

His various appointments within the University at present include chairmanship of the Statistics Council and the Nominating Committee of the Faculty of Arts and Science.

Byelorussian expert looks at folklore here

Prof. John Sadouski of the Russian Department has received a contract from the National Museum of Man, in Ottawa, to undertake further studies of the Byelorussian-Canadian Folklore Complex in Ontario.

Grads present class funds for use as student loans

The class of Artsci '72 has given the balance of its class funds—a sum of \$400—to the University to be used for student loans. The class executive hopes that members of '72 will add to the fund in future years.



T.J. Plunkett

New director at Institute

T.J. Plunkett of Montreal, a nationally known municipal consultant, has been appointed Director of Queen's Institute of Local Government. A former city manager and research director for the Canadian Federation of Municipalities, he has operated his own consulting firm for the past 10 years and carried out a variety of assignments, often connected with Royal Commissions, for all three levels of government in Canada and abroad. Mr. Plunkett is a graduate of Sir George Williams and McGill universities, and is the author of Urban Canada and Its Government.

In announcing the appointment, the Principal commented that the Institute's role and function had been redefined so that it might develop as a centre of research, education and publication with respect to urban local government. Future programs of the Institute will encompass four principal functions:

- 1) Continuing education for individuals concerned with local government, politics and administration;
- 2) Research and publication with emphasis on an interdisciplinary approach;
- 3) Instruction by agreement with any department or faculty in which an understanding of urban government is required;
- 4) Counselling students interested in a career in urban government.

The Institute was established in 1944 and was directed by K.G. Crawford until his death in 1970.

Queen's taking interest in educational channels as cable TV comes to city

A group calling itself KET (Kingston Educational Television) addressed an intervention to the Canadian Radio-Television Commission (CRTC) when it convened in Kingston June 19 to consider 10 applications for the operation of cable television in the Kingston area.

KET represents Queen's, St. Lawrence College, local hospitals and penal institutions, the Frontenac County Board of Education and the Separate School Board of Frontenac-Lennox and Addington counties.

KET asked that the successful applicant provide (1) one channel exclusively for the transmission of educational programming; (2) one channel for community programs that might also include educational material of wide public interest; (3) one or more non-standard channels (not receivable on home TV sets) for restricted, internal and confidential material connected particularly with the training of doctors, nurses and teachers.

The cable operator would have to install a distribution cable "drop" to Queen's on both main and west campuses. Each hospital or other staff-training institution will have to assume the cost of a modulator-demodulator set-up (about \$2,000 each).

Prof. A.C. George Whalley is chairman of the group and also chairman of Queen's Senate Subcommittee on Television. Other Queen's people active in KET are Bernard Trotter, director of Academic Planning; Mrs. Beverley Lazier, director of Queen's Television Centre in Earl Hall; Dr. Alex Bryans, recently appointed director of the new Office of Education in the Faculty of Medicine; and Dr. George Southall, director of Instructional Communications in the Faculty of Education.

At the Branches

New Branch in Newfoundland

The Queen's Spirit has come to the easternmost part of North America!

On May 25 a group of eight alumnae met at the home of Mrs. V.S. Papezik (Hope Ross), Arts '48, in St. John's, Nfld., to discuss the formation of an Alumni Branch. Those present at this founding meeting were:

Mrs. R.W. Nutbeem (Megan Moores) Arts '51; Mrs. Les Maunder (Brenda Bradley) P.H.E. '63; Mrs. Douglas Butler (Martha Thompson) Arts '66; Mrs. A.B. LeMessurier (Sally Lou Steinhauer) Arts '56; Mrs. R. Olsen (Doris Sharp) Arts '49; Mrs. G.R. Parsons (Gene Otterdahl) Com. '57; Mrs. L.G.A. Sutherland (Alyce Casselman) B.N.Sc. '59; and Mrs. Papezik.

Plans were made to hold a business meeting in September with the object of organizing a social function in early October.

Washington Alumni Make Plans to Organize

As a result of a questionnaire prepared by the Alumni Office and W.H. (Wilf) Mable, Science '40, of Gaithersburg, Maryland, Queen's will have a new Alumni Branch in the Washington area.

The questionnaire was distributed to graduates in the vicinity of Washington, D.C., to determine if sufficient interest existed to support a Branch operation. The response was excellent and in the affirmative.

Wilf Mable has undertaken to guide the new Branch through the throes of organization. A charter meeting is being planned for September.

SCIENCE '33

The Class of Science '33 will hold its next reunion in 1973. Notices of plans for this celebration will be sent to the members in the near future.

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OTTAWA BULLETIN

The Ottawa Branch, Queen's Alumnae, is planning a Fall Coffee Party on October 14.

Reserve the date on your calendar and plan to attend.

Names in the News

Births

Anglin—To Bill Anglin, Arts '60, and Mrs. Anglin (Carol Ann Webster), Arts '58, Kingston, Ont., May 6, a son.

Arnold—To Dr. Ian Arnold, Med. '68, and Mrs. Arnold, Ottawa, Ont., June 15, a son (Jonathan Paul), brother for Jennifer.

Atkinson—To J. Keith Atkinson and Mrs. Atkinson (Sheila McKessock), Arts '59, Jindalee, Australia, May 11, a son (Steven Ross). Mr. and Mrs. Atkinson reside at 12 Balanda St., Jindalee 4074, Queensland, Australia.

Battista—To Dr. L.C. Battista, Med. '67 (B.S., Villanova), and Mrs. Battista (R.N.), Syracuse, N.Y., April 23, a daughter (Samantha Leigh), sister for Michaela Leigh.

Beirnes—To Al Beirnes, Arts '68, and Mrs. Beirnes, Guelph, Ont., December, 1971, a son (Kelly), brother for Sean, born August, 1970.

Bennett—To Dr. John R. Bennett, Sc. '66 (M.A.Sc., Ph.D., U.B.C.), and Mrs. Bennett, Ottawa, Ont., March 13, a daughter (Jennifer Nicole). Dr. and Mrs. Bennett reside at 33 Hobart Cresc., Ottawa, Ont.

Boadway—To J. Frank Boadway, Sc. '60 (M.B.A., Toronto), and Mrs. Boadway, Toronto, Ont., a chosen daughter (Larissa Beth), sister for Michael James.

Buisson—To Jean-Claude Buisson, M.B.A. '67 (Ing. Ensem, Nancy, France), and Mrs. Buisson, Paris, France, March 6, a son (Thomas).

Burger—To Heinz Burger and Mrs. Burger (Sandra Doubleday), Arts '63, Ottawa, Ont., May 29, a daughter (Katherine Ann).

Daniel—To Maurice E. Daniel, Sc. '65, and Mrs. Daniel (Doranne Hamilton), Arts '68, Kingston, Ont., April 25, a son (Joseph Edward), brother for Terri-Ann.

Downie—To Bryan M. Downie and Mrs. Downie (Janet Day), Arts '68, Kingston, Ont., April 16, a daughter (Diana Marie).

Ellenor—To Dr. D.W. Ellenor, B.Sc. (Arts) '66 (Ph.D., New England, Australia), and

Mrs. Ellenor (Jo-Anne Sherk), B.Sc. (Arts) '67, Melbourne, Australia, January 27, a son (Michael Douglas); first grandson for J.W. Sherk, Sc. '42. Dr. and Mrs. Ellenor are residing at 9 Avondale Rd., Armadale, Victoria 3143, Australia.

Exley—To Major Edward Exley, Sc. '62, and Mrs. Exley, Kingston, Ont., May 1, a son (Stephen Edward).

Fogo—To James G. Fogo, Sc. '51 (LL.B., Dalhousie), and Mrs. Fogo, Ottawa, Ont., May 10, a son (Adam Robert).

Gardere—To Dr. Robert Gardere and Mrs. Gardere (Sandra Ann Low), Arts '64 (M.D., Ottawa), Toronto, Ont., May 28, a daughter (Jacqueline Tanya), sister for Michael, grand-daughter for Orian Low, Q.C., Arts '34.

Girard—To Peter Girard and Mrs. Girard (Kathleen Walmsley), N.Sc. '61, Arts '65, Kingston, Ont., May 10, a son (Richard Louis).

Glassey—To David N. Glassey, Arts '66, and Mrs. Glassey (Margo Huffman), Arts '62, Richmond Hill, Ont., March 30, 1971, a son (David Alexander). Mr. and Mrs. Glassey reside at 88 Wellington St. E., Aurora, Ont.

Grace—To Barry M. Grace (R.M.C., M.Sc., Toronto), and Mrs. Grace (Linda Whyte), N.Sc. '67, Ottawa, Ont., April 11, a daughter (Heather Katherine), sister for Jennifer; second grandchild for Dr. D.W. Whyte, Med. '40

Harding—To G. Ross Harding (B.A., Toronto), and Mrs. Harding (Joan N. Pistawka), Arts '66, Mississauga, Ont., November 30, 1971, a son (Kirk Ross). Mr. and Mrs. Harding reside at 2741 Bushland Cresc., Mississauga, Ont.

Hay—To John F. Hay, Sc. '67 (M.A. Sc., Toronto), and Mrs. Hay (Judith Crichton), Arts '68 (M.A., Toronto), Toronto, Ont., June 10, a daughter (Sara Courtney).

Holman—To John Holman and Mrs. Holman (Anne Walberg), Arts '65, Guelph, Ont., December 5, 1971, a son (Ross Edward), brother for Ian.

Holt—To Michael V. Holt, Sc. '60, and Mrs. Holt, Oxford, England, June 16, a son.

Johnston—To Jamie L. Johnston, Arts '68, M.A. '69, and Mrs. Johnston, Montreal, Que., November 12, 1971, a son (James Fennell).

Keppel-Jones—To Michael A. Keppel-Jones, M.Sc. (Arts) '63 (B.Sc., Natal, B.A., Toronto), and Mrs. Keppel-Jones (Gizella

Sziladi), Arts '67, Kingston, Ont, May 21, a daughter (Katherine Anne), sister for Stephen.

Kerslake—To Peter Kerslake and Mrs. Kerslake (Nancy Prentice), Arts '63, Ottawa, Ont., May 6, a son.

Ketchum—To Anthony Ketchum (B.A., Bishops, M.A., Cambridge), and Mrs. Ketchum (Mary Hungerford), Arts '59, Toronto, Ont., December 16, 1971, a son (William Davidson), brother for John Philip and Edward.

Kropp—To Carl F. Kropp, Sc. '58 (B.Sc., Carleton), and Mrs. Kropp, Ottawa, Cnt., April 8, a son, brother for Cara.

Lennox—To Duncan D. Lennox, Sc. '65 (M.Sc., Guelph), and Mrs. Lennox, Guelph, Ont., May 9, a daughter (Tiffany Jane).

Malt—To Dr. Richard Alan Malt, Arts '64, M.A. '64 (Ph.D., Princeton), and Mrs. Malt, Ramat Ha Sharon, Israel, March 31, a son (Ronen Dov), brother for Temira.

McIntosh—To Gregory G. McIntosh, Com. '63, and Mrs. McIntosh (Joan Greene), Arts '64, Toronto, Ont., April 26, a son (Glenn Grant).

Meyer—To John Meyer and Mrs. Meyer (Sandra McGillis), Arts '68, Ottawa, Ont., April 24, a daughter (Kerry Jane).

Miller—To Martin F. Miller, B.Sc. (Arts) '68, and Mrs. Miller (Carol Churchill), Arts '67, Clarkson, Ont., May 13, a daughter (Janice Elaine).

Moustgaard—To Louis A. Moustgaard, Sc. '66, and Mrs. Moustgaard, Sudbury, Ont., February 2, a daughter (Jennifer Rose).

Mueller—To Mark Mueller and Mrs. Mueller (Elinor Haythorne), Arts '64 (M.S.W., Toronto), Ottawa, Ont., May 22, a son (Derek Richan).

Osborne—To Donald Osborne and Mrs. Osborne (Gloria Goodfriend), Arts '64, Toronto, Ont., May 5, a son (Matthew John).

Pomeroy—To Larry Pomeroy and Mrs. Pomeroy (Sandra Belanger), Arts '71, Ed. '71, Kingston, Ont., May 21, a son (Trevor Scott).

Publow—To George A. Publow, Sc. '68, and Mrs. Publow (R.N.), Oshawa, Ont., December 10, 1971, a son (David George). Mr. and Mrs. Publow reside at 510 Nipigon St., Oshawa, Ont.

Rasmussen—To David W. Rasmussen, Arts '67, and Mrs. Rasmussen (Sandra Richards),

Arts '67, Bracebridge, Ont., April 15, a son (Terence "Terry" Edward), brother for Greg.

Reid To Brian D. Reid, M.B.A. '71 (B.Eng., R.M.C.), and Mrs. Reid, Ottawa, Ont., October 16, 1971, twin sons (Paul Gregory and Kevin Andrew).

Shackleton—To Lawrence A. Shackleton and Mrs. Shackleton (Ruth Dixon), Arts '50, Ottawa, Ont., April 28, a daughter (Laura Ann), sister for Murray, Tom and Peter.

Tomka—To Dr. Brian E. Tomka, Med. '65, F.R.C.S.(C), and Mrs. Tomka, April 24, a daughter (Stephanie Anne), sister for Michael and Jennifer. Dr. and Mrs. Tomka are residing at 936 Lakeshore Road, Sarnia, Ont.

Watson—To Captain Douglas Watson, Arts '60, and Mrs. Watson, Barrie, Ont., May 5, a daughter (Kathryn Michelle).

Weselan—To Karl E. Weselan, Sc. '64, and Mrs. Weselan (Marie J. Jadeski), Arts '64, Simcoe, Ont., April 25, a daughter (Christine Nicole), sister for Ann Marie, Karl David, and Susan.

Marriages

Aldridge-Ethier—In Christ Church, Belleville, Ont., April 22, Brenda Ann Ethier, Arts '72, to James Aldridge, Arts '71. Mrs. Aldridge will attend McArthur College in the fall

Alyea—On June 26, 1971, in Peterborough, Ont., Mary Louise De Noble to Victor Douglas Alyea, Arts '70. Mr. and Mrs. Alyea are residing at 232 John St., Napanee, Ont.

Bevan—In Oshawa, Ont., March 4, Pamela Anne Bevan, Arts '68, to William Albert Jones, Jr. Mr. and Mrs. Jones are residing at 400 Grenfell, Apt. 509, Oshawa, Ont.

Campbell—In Ottawa, Ont., December 29, 1971, Barbara E. Campbell, N.Sc. '64, to Dr. Donevan des Sauges Thomas. Dr. and Mrs. Thomas reside at 315 Detroit St., Apt. 2, Windsor, Ont., and both are teaching at the University of Windsor.

Connolly-Berry—On April 15, in Our Lady of the Assumption Church, Toronto, Ont., Madelyn Gail Berry, Arts '72, to Michael Thomas Connolly, M.B.A. '70 (B.Com., St. Mary's), son of E.C. Connolly, Com. '37. Included in the wedding party were Ruth Anthony, Arts '72, and John M. Connolly, Law '71 (B.A., Loyola). Mr. and Mrs. Connolly are residing in Toronto.

Davison—On September 11, 1971, in Toronto, Ont., Patricia Nancy Dalzell (B.A., York), to Glen Roy Davison, Com. '64. Mr. and Mrs. Davison reside at 65 High Park Ave., Apt. 1003, Toronto 165, Ont.

Forster—On May 27, in St. John's Anglican Church, York Mills (Toronto), Jacqueline E. Forster, Arts '67, to Charles M. Hovey. Mr.

QUEEN'S ALUMNAE AND ALUMNI ASSOCIATIONS TORONTO BRANCHES

Calendar of Events for September

GOLF TOURNAMENT

 Friday, September 29
 Credit Valley Golf & Country Club \$15.00 per person (tickets in advance only)

FOOTBALL LUNCHEON

Saturday, September 30, 12.00 noon
 Drill Hall — St. George Street
 Tickets from Office

QUEEN'S-TORONTO GAME — Saturday, September 30, 2.00 p.m.

Varsity Stadium

Tickets from Office

Information and tickets from Queen's Alumni, Toronto Office, Suite 2606, 401 Bay Street, Toronto 103, Ontario. Telephone 366-4014

and Mrs. Hovey are residing at 130 Neptune Drive, Apt. 404, Toronto 19, Ont.

Harris—In Toronto, Ont., April 29, Catherine A. Harris, Arts '72, to Norman Cromey. Mr. and Mrs. Cromey reside at 3 Foxbar Road, Toronto 190, Ont.

Hartman—In Toronto, Ont., September 2, 1971, Kathleen Hartman, Arts '65, to Paul K. Winter (B.A., Toronto).

Houston—On May 20, in Ridgewood United Methodist Church, Ridgewood, N.J., Virginia Mange to William T. Houston, Arts '70 (M.S., Cornell). Included in the wedding party were Bruce Flexman, Sc. '70 (M.B.A., Cornell), and Tom Houston, Com. '75. Mr. and Mrs. Houston are residing at 6 Assiniboine Rd., Apt. 1001, Downsview, Ont.

Kurita—In Cedar Grove, Ont., March 22, Marion C. McDowan (B.A., McMaster), to Peter O. Kurita, Arts '62. Mr. and Mrs. Kurita reside at 14 John Dexter Pl., Markham, Ont. Mr. Kurita is principal of Royal Orchard School in Thornhill.

Long-Dempsey—On August 28, 1971, in Ottawa, Ont., Susan Jean Dempsey, Arts, P.H.E. '72, to Brian James Long, Arts, P.H.E. '71, Ed. '72. Mr. and Mrs. Long reside at 119 Bagot St., Apt. 1, Kingston, Ont.

McNichols—On May 13, in Kingston, Ont., Gail Marie McNichols, Arts '72, to Douglas J. Lyon (R.M.C.). Mr. and Mrs. Lyon will reside in Barrie, Ont.

New—On August 28, 1971, in Ottawa, Ont., Ann Louise New, Arts '72, to R.C. Robinson. Mr. and Mrs. Robinson are residing at 830 Canterbury Square, Apt. 809, Ottawa, Ont. K1G 3A9.

Treloar—In Sydney, Australia, June 23, Lynette Jean Wilkinson to Dr. Philip Douglas Treloar, Ph.D. '70 (M.Eng., Adelaide). In-

cluded in the wedding party were Robert Leavens, Sc. '70, groomsman, and Dr. Bruce Golley, M.Sc. '69, Ph.D. '71 (B.Eng., Adelaide). Dr. and Mrs. Treloar are residing at 3/138 Johnston St., Annandale 2038, N.S.W., Australia.

Wilks—On April 15, in Morgan Memorial Chapel, Queen's University, Catherine-Ann Wilks, Arts '71, to Dr. Brian Edward Reed (D.D.S., Toronto). Dr. and Mrs. Reed will reside temporarily in Massey, Ont.

Deaths

John William Boughner, B.Sc. '14, Windsor, Ont., May 15, retired district engineer, Department of Public Works of Canada, London, Ont.

Lilias M. Cameron, B.A. '62, Ottawa, Ont., January 9, a member of the Smiths Falls Collegiate Institute staff since 1964.



L.M. DeLong



J.W. Boughner

PIPE BAND VETERAN DIES

Reg Hanna, who played in the Queen's pipe band while still a student at Kingston Collegiate and Vocational Institute, and who later was the pipe band instructor at Queen's for many years, died in Kingston, Ont., June 7.

Verne MacFadyen Campbell, B.Com. '34, B.A. '35, Islington, Ont., June 6, member of staff, Monarch Life Assurance Co.

A.B. Davidson, Arts '24, Toronto, Ont., October 7, 1971.

Lorne M. DeLong, B.Sc. '27, Trail, B.C., August 13, 1971. Retiring in 1968 after 41 years with Cominco, Mr. Delong was superintendent of the refineries, a position he held for 20 years. Mrs. R.S. Smith (Barbara DeLong), Arts '54, is a daughter.

Mary Q. Dench, B.A. '34, B.Com. '34, Ottawa, Ont., May 12, a member of the Department of External Affairs.

William J. Embury, B.Sc. '20, Farmington, Mich., April 22, retired insurance agent for Travellers Insurance Co. in Detroit.

Dr. W.T. Ross Flemington, D.D. '43, Port Elgin, N.B., July, 1971, former president,

Prof. J.D. Macmillan: An appreciation

John D. Macmillan, Associate Professor of English, Emeritus, died in Pittsburgh, Pa., on November 11, 1970. He had served at Carnegie Institute of Technology from 1920 until his retirement in 1952.

Professor Macmillan was born in Ontario, Canada, on November 20, 1886, and was graduated from Queen's University in Kingston in 1910. He did graduate study at the University of Toronto and the University of Chicago, receiving the master's degree in English from Chicago in 1914. Prior to going o Carnegie he had been Assistant Professor of English at Morningside College, Sioux City, Iowa, at Michigan Agricultural College, Lansing, Michigan, at State College for Wonen, Greensboro, North Carolina, and at State College for Women, Denton, Texas. He vas unmarried. He will be remembered paricularly by Margaret Morrison alumnae for is popular course in the English novel.

On the occasion of his eightieth birthday in 966 Professor Macmillan wrote: "I continue of find my years of retirement in many espects the most gratifying of my career, and can assure you that my recollections of my ellow-workers at Tech contribute in no small legree to that result. My associations with all of them were in every possible way of the nost delightful sort. I only hope that when he time comes for them to retire from active rofessional work they may find that retirement can be as rich in personal satisfaction as my part of their lives has ever been."

-Austin Wright

Mount Allison University and later director of Education for External Aid for Canada.

Bessie Ellen Foreman, B.A. '19, M.A. '20, Toronto, Ont., May 13, 1971, retired after 35 years of teaching in the Toronto area. She is survived by a sister, Mrs. J.C. Davey (Kathleen Foreman), Arts '15.

Andrew I.R. Forrest, B.Sc. '24, Buffalo, N.Y., May 28, retired, Canadian General Electric Co.

Alexander John Gunn, B.Sc. '39, Clarkson, Ont., April 17, product manager, Canadian Johns Manville Co. Ltd.

Lynne Adaire Hardtman, B.A. '65, LL.B. '68, Toronto, Ont., May 15. Survivors include her mother, Mrs. D.L. Hardtman (Marion Wilson), Arts '38, and an aunt, Mrs. Eric C. Smith (Betty Wilson), Arts '40.

Reginald A. Kirkpatrick, B.Sc. '27, Halifax, N.S., March 13, retired engineer.

Rev. Oswald R. Lavers, B.A. '13, B.D. '16 (M.S., Chicago), Lethbridge, Alta., April 16. In 1971, Rev. Lavers marked the 55th anniversary of his ordination into the ministry of the Presbyterian Church.

Dr. Henry M. Leppard, B.A. '19 (Ph.D., Chicago), Los Angeles, Calif., January 11, member of the Department of Geography, University of California.

Audry Athelward McCloskey, B.Sc. '29, Willowdale, Ont., May 22, consultant, Madsen Red Lake Gold Mines, Toronto.

Duncan Gordon McLean, B.A. '37, Kingsville, Ont., March 11, school teacher.

Cyril John Morgan, B.A. '50, Alliston, Ont., May 1.

Arthur S. Morrow, Arts '15, Barrie, Ont., April 28.

John G. Niddrie, B.A. '14 (M.A., Alberta, B.Paed., Toronto), Edmonton, Alta., February 29, retired school teacher. Mr. Niddrie was the first principal of Edmonton's Westglen High School. He wrote numerous professional articles and co-authored two Latin textbooks. J.J. Nugent, Med. '71, is a grandson.

Mrs. Charles O'Reilly (Mae H. Ryan), B.A. '13, Smiths Falls, Ont., March 18, retired school teacher.

M. Filmore Reed, Arts '33, Fort Myers, Fla., April 14.

Mrs. W.H. Slinn (Myrtle Fraser), B.A. '18, Smiths Falls, Ont., May 9. She was predeceased by her husband, W.H. Slinn, Sc. '16. Among the survivors are two daughters, Phyllis, Arts '42, and Mrs. Donald G. McCormick (Gwen), Arts '46.

Thomas Muir Thomson, B.A. '26, Dundas, Ont., April 29, retired History and Economics teacher. Mr. Thomson taught for 39 years at the F.R. Close Technical School in Hamilton.

Mrs. C.B. Walker (Margaret E. Biehn), B.A. '38 (M.A., Toronto), Ottawa, Ont., May 15. Dr. D.M. Biehn, Med. '37, is a brother.

Arthur Marshall Wynne, B.A. '13, M.A. '15 (Ph.D., Toronto), Toronto, Ont., June 1.

Prof. Dorothea Walter honoured by Waterloo

Mrs. Dorothea Walter, Arts '29, was named an Honorary Member of the University of Waterloo at the Waterloo Convocation this spring. She was the first person to receive this newly created honour, given in recognition of her many contributions to the development of the University.

Mrs. Walter was the first Dean of Women at Waterloo, serving 1961-66. She was also a professor of French in the Classical and Romance Languages Department. She is retiring this summer.

A native of Quebec City, Mrs. Walter received her B.A. and M.A. degrees at Queen's, following earlier studies at McGill and in Europe. She taught at Trinity College at the University of Toronto 1930-47. Prior to her appointment at Waterloo she was engaged in government service, involving extensive travelling throughout South America and Europe as well as Canada.

Dr. Jason Hannah launches third career

Dr. Jason A. Hannah, B.A. '26, M.D., C.M. '28, has organized another 'first' for the Canadian medical fraternity and got himself involved in the third major career of his 73 years.

In the belief that the historical and philosophical background of his profession is not well enough known to the profession itself, or to the public, Dr. Hannah has arranged the purchase and shipment to Canada of 2,228 volumes and folios from the library of the Medical Society of London, England. The purchase was actually funded by the Associated Medical Services Inc. (AMS) of Toronto, of which Dr. Hannah is president and managing director.

AMS calls its new collection "The Jason A. Hannah Rare Book Collection" and hopes to add another collection of pre-16th Century volumes in future. Dr. Hannah intends to make these collections the core of an Institute for the Study of the History and Philosophy of Medical and Related Sciences. "Doctors," he says, "could make their lives more productive and interesting if they were brought into closer contact with their predecessors. This would also do much to restore and improve the image of my profession."

Dr. Hannah, a neuropathologist, spent much of his early career with the Ontario Department of Health and the Banting Institute, where he distinguished himself through the originality of his research. In 1936, following serious study of medical economics, he secured the approval of the Ontario Medical Association for a concept he called "prepayment for the cost of medical care," and Associated Medical Services was established as a non-profit, non-share corporation.

Though his health "leaves something to be desired," Dr. Hannah reports that he is at his desk every day, "winding down" a multi-million-dollar enterprise and "winding up" his newest project ("without expense to the government or anyone else," he points out).

Dr. Hannah is a member of the University Council and the Board of Trustees.

Notes

1910-19

Mrs. S.S. Harrison (Laura Greer), Arts '11, lives in Blue River, B.C. A high school teacher for many years, she taught piano in Blue River 1946-1965.

Dr. W.D. Hay, Arts '14, M.A. '16, Med. '21, associated with the Pathology Department at Queen's for many years, is now retired. He lives at 124 Beverley St., Kingston, Ont.

Claude A. Root, Arts '19, Westmount, Que., was honoured at the North Star Inn, Winnipeg, Man., in personal recognition of his founding role in establishing the Better Business Bureau of Canada with headquarters in Toronto. The organization was designed to provide a voice for Canadian business at the national level through a reactivated program of greater participation by business, involving Canadian consumers. Mr. Root retired in 1966 as president of the Association of Canadian Better Business Bureaus.

Prof. F.M. Wood, Arts '11, Sc. '14, a member of the Mathematics Department at Queen's 1946-60, lives at 79 College St., Kingston, Ont.

1920-29

Dr. Eldon M. Boyd, Arts '28, Med. '32, Professor of Pharmacology at Queen's, will retire on September 30. He resides at 211 Union St. West, Kingston, Ont.

Mrs. H.N. Corbett (Rena Landry), Arts '21, lives at 334 Fairmont Ave., Ottawa, Ont. K1Y 1Y8.

Donald H. Craighead, Sc. '29 (M.Ed., Toronto), superintendent of curriculum and student services in the Ontario Ministry of Education's applied arts and technology

branch, Toronto, Ont., recently retired. His long association with education included a term as principal of the Hamilton Institute of Technology (now Mohawk College).

W.A. Dawson, Sc. '23, Hamilton, Ont., has been made a Fellow of the Engineering Institute of Canada in recognition of his career as an industrial engineer and of his contributions to the industrial strength of Canada. He was cited particularly for his work during World War Two with the Otis Elevator Company Ltd. and his subsequent assignment at De Havilland Aircraft of Canada Ltd. After the war Mr. Dawson spent several years with F.F. Barber Machinery Co., and the A.R. Williams Machinery Co. Ltd. In 1961 he became associated with C.C. Parker and Associates Ltd. where he stayed until his retirement in 1968.

C.S. Gibson, Sc. '22, LL.D. '63, Kingston, Ont., a life member of the Canadian Institute of Mining and Metallurgy, has been admitted to the 50-Year Club of the C.I.M.M.

Miss Lillian Handford, Arts '21, high school teacher, is now retired, and lives at 577 Raglan St. S., Renfrew, Ont.

Mrs. G.L. Keck (Honora Goodfriend), Arts '21, resides at 66 St. Lawrence St., Morrisburg, Ont.

Dr. J.R. McAvoy, Med. '21, long-time member of the surgical staff of St. Vincent de Paul Hospital and the Brockville General Hospital, lives at 35 Buell St., Brockville, Ont.

Vernon W. MacIsaac, Sc. '21, lives at 259 Esdras Place, Windsor 16, Ont. Prior to his retirement he was plant engineer for the Ford Motor Co.

Canon G.H. Sadler, Arts '21 (L.S.T., Bishop's), retired in 1966 and is living at 20 Strathcona St., Smiths Falls, Ont.

1930-39

Eric I. Browne, Sc. '36, director of Plant Cost Reduction of the Douglas Aircraft Company of Canada, Toronto, Ont., has been re-elected a director of the worldwide Society of Manufacturing Engineers. He will serve a two-year term.



A FAMILY AFFAIR—Four members of the Breck family participated in one of the May Convocations—one as a member of faculty and three as degree recipients. Left to right, they are Wallace G. Breck, Sc. '50, M.Sc. '51 (Ph.D., Cantab.), Professor of Chemistry; Wallace's son, Alan K. Breck, Sc. '70, who received his M.Sc. degree; Wallace's brother, A. William Breck, Sc. '50 (S.M., M.I.T.), who received an LL.B. degree; William's son, Ian E. Breck, (B.S. Springfield), who received the B.Ed. degree. Ian's mother is the former Jo Throop, Arts '45; he is a grandson of the late A.B.C. Throop, Arts '17 and '19, Sc. '22 (B.S.A., O.A.C.).

Louis Couillard, Com. '38, Ottawa, Ont., has been appointed chairman of the Tariff Board. He was formerly deputy minister of Manpower and Immigration.

M.W. Hutcheon, Arts '37, has retired after 38 years of teaching. Formally of Hagersville, Ont., Mr. Hutcheon is now residing at R.R. 5, Stirling, Ont.

Dr. J. Wallace McCubbin, Sc. '32, M.Sc. '34 (Ph.D., McGill), retired this spring as Professor of Chemistry and Dean of the Faculty of Science at Bishop's University, Lennoxville, Que. He was given an honorary LL.D. degree by the University at spring Convocation.

Helen Milton, Arts '38 (D.S.T., M.Theol., Trinity), is assistant professor of theology at the University of Windsor, Windsor, Ont.

Max L. Rapoport, Q.C., Com. '32, M.Com. '34, Toronto, Ont., has been appointed to his second term as president and chairman of the Board of Governors of The Doctors Hospital.

Earl Smyth, Com. '33, Arts '34, chief auditor of the Unemployment Insurance Commission, Ottawa, retired in June after 31 years with the Commission and five years previously with the Government Annuities Branch.



Dr. Joyce Hemlow

Work on Fanny Burney acclaimed in Britain

Dr. Joyce Hemlow, Arts '38, M.A. '42, LL.D. '67 (Ph.D., Radcliffe), professor of English literature at McGill, headed a large team of Canadian, English, French, and American scholars in producing a fully documented edition, eventually running to 10 volumes, of the journals and letters of Fanny Burney, 18th century novelist and friend of Dr. Samuel Johnson. The first two volumes were recently published in Britain by Oxford University Press.

The London Times gave the volumes pride of place in its book column, describing their contents as "a treasure house of riches." Critic Philip Ziegler said Professor Hemlow "illuminates every detail with the searchlight of her scholarship."

Other warm reviews came from author and TV pundit Malcolm Muggeridge in *The Observer*, who described the volumes as "meticulously edited and enthralling to read," and from *The Daily Telegraph*, whose critic H.D. Ziman said Professor Hemlow has done "a superb job on what remains of the widely dispersed original manuscripts."





Earl Smyth

D.W. Goss

Mr. and Mrs. Smyth will continue to live at 53 Waverley St., Ottawa K2P 0T7.

W.E. Soles, Sc. '35, president and general manager of Anglo-Canadian Pulp and Paper Mills, Ltd., will retire August 31. Mr. Soles joined Anglo 37 years ago. He was promoted to the position of general manager in 1954, and was elected the company's president in 1958.

Dr. W.I. Taylor, Med. '35, has been appointed executive director of the Association of Nursing Homes Incorporated of Ontario. He is also a Governor of The Doctors Hospital, Toronto, Ont.

1940-49

Mrs. C.W. Baugh (Elspeth Wallace), Arts '49, Orillia, Ont., has been elected to the Board of Trustees of Queen's University as a representative of the University Council.

Mrs. W.M. Benidickson (Agnes M. Richardson), Arts '41, Ottawa, Ont., has been elected president of the Canadian Council on Social Development for a one-year term.

Peter A. Cain, Sc. '43, vice-president, minng, Sherritt Gordon Mines Ltd., has been elected a director of the company.

Dr. M.B. Dymond, Med. '41, LL.D. '68 LL.D., Western) has been elected an honoary member of the Ontario Medical Association.

I. Kenneth Fee, Sc. '44, manager of the Kingston Public Utilities Commission, has been elected president of the Electrical Utilies Safety Association of Ontario.

Dr. Gladstone Fiddes, Med. '40, is now an issistant clinical professor, Department of Medicine at the University of Alberta. Dr. Fiddes, formerly of Queen Charlotte City, 3.C., is residing at 11115 - 37th Avenue, Edmonton, Alta.

Melvin L. Garland, Sc. '48½ (M.B.A., Harard), has been appointed executive vice-presdent and general manager of I.T.L. Indusries Ltd., Windsor, Ont.

Major General D.W. Goss, Sc. '49 (M.Sc., Michigan), recently returned to Canada from Europe. He has been appointed Deputy Chief of Technical Services (Logistics), Canadian Forces Headquarters, Ottawa, Ont., with the rank of Major-General.

Eric G.A. Jorgensen, Sc. '49, president, Biffels, Davis & Jorgensen Ltd., Toronto, has een elected president of the Association of Consulting Engineers of Canada. Mr. Jorgensen has also been elected to the Queen's

Board of Trustees as a representative of the University Council.

Andrew Kniewasser, Arts '48, formerly senior assistant deputy minister of the federal Department of Industry, Trade and Commerce, is now the first full-time president of the Investment Dealers' Association of Canada.

W.F. Light, Sc. '49, executive vice-president, Operations, Bell Canada, has been elected to the board of directors, Maritime Telegraph & Telephone Co. Ltd.

J.J.D. Londerville, Arts '41, M.A., '42 (M.Ed., Toronto), is associate curriculum superintendent for the Board of Education of Etobicoke.

R.N. Massiah, Sc. '47, has been appointed chief engineer of the St. Catharines office of Swan Wooster Engineering Co. Ltd.

George Moreton, Sc. '43, M.Sc. '48, vice-president of Imperial Oil Ltd., Toronto, and general manager of the company's Esso Chemical Canada division, has been elected chairman of the Canadian Chemical Producers Association.

Dr. John S. Pratten, Med. '43, medical director of Kingston Psychiatric Hospital, was elected chairman of the board of the Canadian Psychiatric Association at an annual meeting held in Montreal. He served as superintendent at KPH for eight years before becoming medical director. Dr. Pratten is an associate professor of Psychiatry at Queen's.

Helene Schlicter, wife of D.E. (Del) Schlicter, Arts '48, graduated from Queen's June 3, with her B.A. degree, for which she had qualified extramurally. She completes the family group which, besides Del, consists of son Donald, Arts '64, and daughter Wendy (Mrs. A.J.G. Vince), Arts '70.

D.K. White, Sc. '46, general manager of North York Hydro, has been elected provincial president of the Association of Municipal Electric Utilities.

ARTS '49 — ARTS '50 REUNION

The permanent executives of the Classes of Arts '49 and Arts '50 have decided that they will hold their next reunion jointly in 1974. Originally scheduled for this year, the reunion has been postponed in favour of an all-out celebration to mark their 25th anniversaries.

1950-59

Dr. R.G.S. Bidwell, Arts '50, M.A. '51, Ph.D. '54 (B.Sc., Dalhousie), professor of Biology at Queen's University, has been elected a Fellow of the Royal Society of Canada.

Dr. Philip C. Clapp, Sc. '57 (Ph.D., M.I.T.), of Ledgemont Laboratory, Kennecott Copper Corporation, Lexington, Mass., has been invited by the Atomic Energy Commission of Argentina to participate in the Multinational Project on Metallurgy of the Organization of American States Regional Scientific and Technological Development Program. He has been named a Visiting Professor and has been





Louis Couillard

Ted Glover

invited to give a series of lectures on the Microscopic Aspects of Phase Transformations in Alloys as part of a program to be given in Buenos Aires. Dr. Clapp has also been asked to conduct a seminar at the Institute of Mathematics, Physics and Astronomy of the National University of Cordoba, the oldest university in Argentina.

Omer H.J. Clusiau, Arts '50, is senior consultant, hospital administration, in the Hospital Operating Standards division of the Ministry of Health of Ontario. Mr. Clusiau is also a member of the Board of Governors of The Doctors Hospital, Toronto, Ont.

Robert S. Forbes, Sc. '57 (M.Sc., Birmingham), has been appointed executive assistant to the president, Spruce Falls Power and Paper Co. Ltd.

Dr. R.H. Fowler, Arts '59, M.A. '64 (Ph.D., Duke), has been appointed co-ordinator of program development, Faculty of Education, University of Saskatchewan, Regina campus. Dr. Fowler and Mrs. Fowler (Janet Parr), N.Sc. '60, are residing at 98 Mayfair Crescent, Regina, Sask.

Andrew S. Haydon, Sc. '56, Ottawa, Ont., is reeve of Nepean Township.

Graydon L. Harrison, Sc. '58, formerly with Polymer Corporation in Sarnia, Ont., has been transferred to their European branch in Paris, France. Mr. and Mrs. Harrison (Carol J. McCrady), N.Sc. '58, are residing at 8 Domaine Les Hauts Le Bois, 78620 L'Etang La Ville, France.

A.F. Jones, Com. '50, has been appointed president of Auto Electric Service (Western) Limited, with headquarters in Winnipeg.

K.A. Laidman, Sc. '50, has been appointed general manager of Du Bois plant operations, Rockwell Industries. Mr. Laidman resides at 751 North Brady Street, Du Bois, Penn. 15801.

Dr. J.W. MacDougall, Sc. '59, M.Sc. '62, Ph.D. '64, a member of the staff of the Department of Physics at the University of the West Indies, St. Andrew, Jamaica, represented Dr. John J. Deutsch, Principal of Queen's, at the recent installation of the Rt. Hon. Sir Hugh Olliviere Beresford Wooding as Chancellor of the University of the West Indies.

A.M. McMahon, Sc. '59, has been appointed general manager, computer communications, for Bell Canada's western region. Based in Toronto, Mr. McMahon will be responsible for marketing, engineering and systems im-

plementation and maintenance in his region which covers most of Ontario.

Donald D. Marston, Sc. '55 (B.M.E., McGill), has been appointed president of the Midwestern Division of Consolidation Coal Company. Mr. Marston, formerly vice-president surface operation, will retain his office at Midwestern's headquarters in Pinckneyville, Ill.

W.V. Moore, Com. '51, president and chief executive office of IBM Canada Ltd., Toronto, Ont., has been elected a director of the Canadian Imperial Bank of Commerce.

Claude M. Root, Arts '55, I.R. '56, has been appointed agency development officer, Sun Life Assurance Company of Canada.

1960-69

Robert A. Barlas, Arts '67, has taken a position as teacher at the newly opened Singapore International School, an affiliate of United World Colleges, a comprehensive secondary school with an enrolment of 1,000 pupils. Both students and staff are a fully international group—the staff come from 12 different countries and the student body represents over 40 different countries. Mr. and Mrs. Barlas (Nancy Evans), Arts '69, reside at 4A Pender Road, Singapore 4, and hope alumni passing through the area will contact them.

Donald B. Bayne, Arts '66, Law '69, is practising law in association with Patrick F.D. McCann under the firm name of McCann & Bayne at 95 Rideau St., Suite 201, Ottawa, Ont.

Brian F. Corbett, Sc. '67 (LL.B.), is now associated with Messrs. Soloway, Wright, Houston, Killeen & Greenberg, in the practice of law at 170 Metcalfe St., Ottawa, Ont.

John R. Crouchman, Law '67, has opened his office for the practice of law at 797 Princess St., Suite 107, Kingston, Ont.

John R. DeGrace, Sc. '69, recently graduated from Memorial University in Newfoundland with an M.Sc. in geology and is now employed by the Mineral Resources Division of the Province of Newfoundland and Labrador. Mr. DeGrace resides at 3A Guy St., in St. John's, Nfld.

Bill Dewar, Sc. '68, M.Sc. '69, and Mrs. Dewar (Felicity Holmes), B.Sc. (Arts) '69, are residing in Sydney, Australia. They are both working at the University of New South Wales, where Mr. Dewar is studying for his Ph.D. in Electrical Engineering and Mrs. Dewar is a tutor in the School of Mathematics. Anyone visiting is welcome to contact them at 9 Wells St., Chifley, N.S.W. 2036, Australia.

Dr. T.F. Disney, Med. '64, San Diego, Calif., is moving to Hamilton, Ont., this fall to become assistant professor of Medicine at McMaster University Medical School. Dr. and Mrs. Disney will reside at 73 Price Ave., Hamilton 43, Ont.

Dr. Douglas W. Ellenor, B.Sc. (Arts) '66 (Ph.D., New England, Australia), is now working with Shell Development of Australia Pty. Ltd., in Melbourne.



Catherine M. Perkins

Appointed to Queen's Review

Catherine M. Perkins, a member of Arts '58, has been named Publications Editor, with particular responsibility for the editorial preparation of *The Principal's Report* and the Alumni Association's *Queen's Review*. She will work directly with the Director of Alumni Affairs and the Vice-Principal (Development and Information).

Miss Perkins, who graduated in Honours English and French in 1959, returned to Queen's as a member of staff in 1968. She was appointed information officer in the Public Relations Department and has been editor of the periodicals *Campus* and *Queen's Gazette*.

Before returning to Kingston, she worked for the *Financial Post*, Toronto, as travel editor and assistant feature reports editor for four years. She has also been assistant editor of *Liberty* magazine, senior writer-editor on *Canadian Homes*, editorial researcher-writer for the *Star Weekly* and *Chatelaine*, and a free-lance public relations writer.

Madelaine MacInnes Elliot, Arts '68, has received her M.A. from Niagara University, Niagara, N.Y.

R.E. "Ted" Glover, Com. '64, has joined PepsiCo International, as the Director of Marketing for Europe and North Africa. Prior to this appointment, Mr. Glover had served as Executive Assistant to the President, at Pepsi's world headquarters in New York. The Glovers are residing in England, and can be contacted c/o PepsiCo, Inc., 2 Basil St., London S.W. 3.

Dr. Richard Alan Malt, Arts '64, M.A. '64 (Ph D., Princeton), Ramat Ha Sharon, Israel, will be visiting assistant professor, Department of Economics at Queen's University, 1972-73.

R.R. Turton, Sc. '67, M.Sc. '69, is working with H.Q. Golder & Associates Ltd. He and Mrs. Turton reside at 1061 Burnhamthorpe Rd. W., Mississauga, Ont.

William E.M. Vince, Arts '66, Law '70, is now practicing law with the firm of William B. Lane, Picton, Ont.

1970-72

James F. Archibald, Sc. '71, has been awarded an International Nickel fellowship which

may be held for three years and is valued at \$4,500 annually, plus a student allowance and a supporting grant for research purposes. Mr. Archibald is taking postgraduate work in the Department of Mining Engineering at Queen's.

Libbie Rose Bake, Arts '71, has received a diploma in education of the deaf from the University of British Columbia. One of eight Canadians participating in this special program, Miss Bake will take a teaching position in Edmonton.

Harold Cox, Law '70 (B.A., Western), has joined the law firm of Harris and Dunlop in Durham, Ont. Mr. and Mrs. Cox reside at R.R. 1, Priceville, Ont.

Stephen Dunkin, Com. '72, has joined the firm of Raven Realty Limited, Kingston, as real estate sales representative.

Larry S. Farnsworth, Arts '70, has received his Master of Science degree in Education from Niagara University, Niagara, N.Y.

Bruce Flexman, Sc. '70, has received an M.B.A. from Cornell and will work for Ford of Canada at Oakville, Ont.

J. Paul Francis, Law '70 (B.A., U. of T.), is now associated with the law firm of Hugh R. McDonald, Ottawa, Ont.

Malcolm P. Hamilton, B.Sc. (Arts) '72, has been awarded a 1967 Science Scholarship from the National Research Council of Canada. The graduate scholarship is intended to assist students to obtain doctorate degrees in science and engineering.

Bob Leavens, Sc. '70, is completing his Master's degree in town and country planning at the University of Sydney. His mailing address is: 5 Rose St., Chippendale 2008, N.S.W., Australia.

Raymond Man-Ho Lee, Sc. '70, received an M.Eng. (Electrical) degree from the University of Alberta this spring in laser technology.

Karen Dale Logan, Arts '71, has been awarded a \$5,000 scholarship from the International Order of Daughters of the Empire for study abroad. Miss Logan is working on a master's degree in British Commonwealth history and intends to pursue her studies at Lady Margaret Hall, Oxford.

Deborah M. Lyman, Arts '71, will be returning from Sierra Leone this summer, having spent two years with C.U.S.O. teaching in a secondary school.

P.J. McDunnough, Sc. '72, has received a 1967 Science Scholarship from the National Research Council for further studies.

Kevin Partington, Arts '70 (M.S.W., Toronto), is a member of the social work department of the Mental Retardation Centre, 2 Surrey Place, Toronto, Ont.

Peter Rice, Sc. '72, was hooded by his father, Prof. W.B. Rice, Department of Mechanical Engineering, at the Applied Science Convocation.

George Anthony Rubino, Law '70 (B.A., New Brunswick), is now in partnership with Michael J. Quigley under the firm name of Quigley and Rubino, Perth, Ont.

Football Schedule 1972

September 9 —Old Boys vs Gaels September 16 —Queen's at Carleton September 23 —Ottawa at Queen's September 30 — Queen's at Toronto October 7 — Carleton at Queen's October 14 — Oueen's at Ottawa October 21 — Toronto at Queen's (Reunion) October 28 — Playoff (first two teams at home of the first-place team November 4 — O.U.A.A. Semi-final November 11 — O.U.A.A. Final November 18 — Semi-Final Bowl Game November 25 — College Bowl Alumni may make application to the Athletics Administration Office for the Reunion game this fall, or for any other Queen's home game they may wish to attend. Please observe the following regulations in applying for tickets: 1. Print name and address clearly. 2. Enclose cheque or money order payable to Queen's University Athletics. Tickets are \$3.00 each. 3. Applications for regular league games must be received at the Athletics Administration Office on or before September 15, 1972. The Alumni Office will mail copies of the sports pages of the Kingston Whig-Standard to alumni who would like more information about the Gaels' games than is provided by the news services. The Queen's Alumni of Toronto will hold a buffet luncheon before the Varsity - Queen's game at the Varsity Drill Hall (rear of 117 St. George Street). Tickets for the Queen's - at - Toronto game on September 30 are available from the Alumni Office, Suite 2606, 410 Bay St., Toronto. Telephone 366-4014 TORONTO AT QUEEN'S - OCTOBER 21, 1972 (Reunion Game) I enclose \$..... for ... tickets Name (print) Address If you are a member of a class holding a reunion, please ask for tickets from the block reserved for your class. I enclose \$..... for ... tickets for the game between Queen's and on the (date) Name (print)

Address



WEEKEND OF THE QUEEN'S-VARSITY GAME

Classes officially scheduled to attend:

1912	1930	1947	1968	Special
1922	1931	1949	1969	Science '55
	1932	1950	1970	
	1933	1951	1971	
		1952		

Exceptions to the above: Science '33 will postpone their reunion until 1973; Arts '49 and '50 will postpone their reunions until 1974.

OCTOBER 20, 21, 22

CHARGE SEPTEMBER - OCTOBER 1972

NO DOUGLAS LIBRARY
QUEENS UNIVERSITY

ARCHIVES JKR000230032 SIGNS OF THE TIMES: A recent campus survey showed that car ownership is down five percent among students and the use of motorcycles and bikes is up 13 percent. That means about 1,400 are cycling to campus—but more than 5,000 are still walking. Below, bike stands at the Douglas Library.





ALUMNI REVIEW



SEPTEMBER-OCTOBER Volume 46 Number 5

Editor and Business Manager HERBERT J. HAMILTON

Associate Editor
CATHERINE M. PERKINS

Editorial Assistant FAYE PATTEN



OVER: The Snow Goose, in both white (as above) and blue rersions, was the reason for ome Queen's men's third annual expedition to the Arctic. wo student members report n "Tundra Summer", begining on page 132.

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PHOTO CREDITS: Cover and "Tundra Summer" by Peter Boag; Wallace R. Berry, Kingston, 136, 140, 147, 155 (Campling), 156(Wright, Wood, Lougheed); Northern College of Applied Arts and Technology, 154 (Walli); Canada Agriculture, 154 (Nobles); Paul Horsdal, Ottawa, 155 (Milligan); Blackstone-Shelburne, New York, 156 (Creighton); G.E. Marrison, 158 (1926); Tricolor, 158 (1971); inside cover, John Brebner, Kingston.

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TUNDRA SUMMER

Come fall, registration, and a new term of classes, the familiar question "And what did you do this summer?" rebounds off the limestone walls around Queen's campus. Without a doubt, six students who worked with Dr. Fred Cooke of the Biology Department will raise a few eyebrows with their somewhat unorthodox answer: "Well, I lived on the tundra for two and a half months, studying a colony of nesting Snow Geese."

Both the Lesser Snow Goose (Chens hyperborea) and the Blue Goose (Chens caerulescens) spend the winter in the southern U.S., but every May large flocks can be seen over Winnipeg Airport, migrating northward to the breeding grounds in the eastern Arctic. One of the most southerly of these nesting colonies is located about 25 miles east of Churchill, Manitoba, on La Perouse Bay, which opens onto the waters of Hudson Bay. And here, for the last three years, a study project on the genetics of the Snow and Blue Goose, plus a bird banding program, have been carried on. Presently involved with this research are Dr. Fred Cooke of Queen's; Dr. Marvin Seiger of Wright State University, Dayton, Ohio; and Dr. John Ryder of Lakehead University, Thunder Bay. This year the colony was worked by the largest number of people yet: six from Queen's and one each from the other universities. Project co-ordinator was George Finney, from Queen's, who is incorporating the data into an M.Sc. thesis.

There are no roads across the tundra from Churchill to La Pe-

rouse Bay, and all equipment and supplies must be either flown in or transported on all-terrain vehicles. Preparations for moving the camp from last year's site to one closer to the colony were carried out in April by an advance party of two, and by May 20 most of the team had arrived at camp—a journey by rail or plane to Churchill, by plane to the nearest esker (ridge of high ground), and by foot, through three miles of snow, shifting ice and water, to the camp itself. Camp Quagmire, or so it was christened later on in the summer (the name is selfexplanatory!), consisted of a cabin 12 by 20 feet, two construction trailers placed end to end, and a storage tent, all on an island close to the bay. On May 20, all was under a foot of water, and for the next few weeks, while temperatures hovered around freezing, the parkas and sleeping bags supplied by the Armed Forces in Churchill were well appreciated!

Working the Snow Goose colony was a strenuous job at times, but exhilarating under blue skies, with many species of birds wheeling and calling in the sea air. The first goose nests were initiated about the twentieth on the numerous small islands dotting the coastline, under cover of marram grass and scrub willow. (The tree line is ten miles south of the camp.) Finding the nests, numbering and staking them, and recording data on the eggs occupied much of the time until mid-June. A total of approximately 1,500 nests were studied. On June 19, a day before the first goslings were to hatch, disaster struck. A snowstorm dumped six inches of snow on the colony. Two female birds were found frozen to death on their eggs, while other pairs deserted their nests. Luckily the majority of the goslings did not appear to be affected, and the routine of web-tagging the fluffy youngsters for later identification was carried out. And then, a welcome break for all concerned—a day in the town of Churchill!

The towns of Churchill and Fort Churchill are five miles apart, on the only paved road for literally miles around. Geography texts describe Churchill as a grain port, but it is much more than that—an almost indescribable entity. With so many of the settlements of the farther north, it shares the isolation, the bush pilots, and the Hudson's Bay store. A familiar saying in the Hudson Hotel is: "I'm sorry, we're out of ice cream (or pie or roast beef); the train doesn't come in until tomorrow." The streets are wide and dusty, the buildings sandwiched uncomfortably and in constant disrepair. For the tourist there is the Eskimo Museum, boat rides across the Churchill River to Fort Prince of Wales, and the shore, laden with rock slabs, from which to watch the ice in the bay.

For the birdwatcher or photographer, Churchill used to be a haven, with thousands of small birds nesting annually. Nowadays, one has to wade through the clutter of film wrappers to reach a nest, and many times the garbage has attracted a predator and so the nest is destroyed.

It must be the people in Churchill

who make it such a seemingly different type of town. Many of the white people live in Fort Churchill and work with the Armed Forces or with the National Research Council. The Fort obviously contributes much to Churchill's success, and it will be a hardship when the Fort is eventually shut down, in another few years.

The Chipewyans, who were moved into town a while ago, have their own village, as do the Eskimos, on the outskirts of town. The town itself is inhabited predominantly by poor whites and non-treaty Indians. For some without jobs, life can be a degrading struggle of welfare and alcohol. The young people seem to be the only ones with hope and some sort of picture of the future, in which both native pride and a satisfying lifestyle can be enjoyed.

Wildlife is amazingly prolific on the seemingly barren sub-Arctic tun-



Just hours after hatching, the goslings were ready to leave the nest. Each one was individually web-tagged by the eight-member team.

dra. During the summer such mammals as Arctic fox, caribou, Arctic hare, weasel, moose, wolf and lemming were seen, many in the summer coats which provide camouflage. Nanook, the great white bear, made his appearance later on in the summer when the ice had gone out of the bay. Travelling inland on a route which goes right through the Churchill dump, Nanook can live up to the stories told about him if suddenly disturbed or irritated.

Most of the bears seen this summer were at a distance, though in one hair-raising incident, wildlife scientist and polar bear chased each other around a cabin, all over a piece of beefsteak!

Of course, it is the birds which bring the tundra to life in the short spring and summer. Eider ducks were studied by one member on the team; Canada Geese were frequently spotted, though they are not colonial and have widely scattered nests. Swans and loons, terns, jaegers, gulls, sandhill cranes, snowy owls, hawks, and several species of duck were a fraction of the total bird population; shorebirds with their slender legs and long bills made up the complement in an astonishing array of species.

Des Bartlett and his wife Jen, eminent Australian wildlife photographers who stayed near the camp making a film on the geese, photographed as many nesting birds as they found. Imagine their delight when their pet sandhill crane, Fred, attracted a wild female. She grew tame enough to approach people and eat corn from a dish, though whether the romance got off the ground is rather doubtful, Fred being much more interested in people



Geese imprinted on people and belonging to Des Bartlett, a wildlife photographer, injoyed hair-washing time as much as Ellen Wickens, a member of the team, did.

TUNDRA SUMMER

Continued

than his own kind.

Towards the end of July, the team went back out on the tundra to start the banding drives while the geese were moulting and flightless. The number of banders rose to 16 as interested helpers arrived; this created quite a crush in the already cramped quarters.

A helicopter was necessary to round up the now-flightless birds along the coast where they had been feeding and moulting for the last few weeks, and without too much trouble four large flocks were driven into the banding net. This net is about four feet high and is arranged in a keyhole shape; once the birds are inside, the arms of the keyhole are used to form holding pens.

The goslings were banded first, with Canadian Wildlife Service bands and individually lettered, coloured, plastic bands; the latter will be used by the project in the future for genetic studies. Marking the adults in a similar manner, it was interesting to note the recovery of previously banded birds. For example, two birds with neck bands from McConnell River colony, much further north, were caught. A total of 4,100 birds were banded on the four banding days.

With banding over by the end of July, all headed back to Churchill after breaking camp. Here, the summer's data was transferred to computer sheets and the nests were mapped on aerial photos. In terms of data gathered and number of birds banded, 1972 was a very successful year.

However, for the Snow Geese, flying south this fall has been more hazardous than ever. Hunters take an annual toll, and this year, due to the ice conditions north of Churchill, many colonies did not produce geese. Luckily, Snow Geese are in no danger of extinction, and the flocks should be seen flying northward for many years to come.



George Finney (centre), project coordinator, oversees examination of eider ducks.



Blood samples were taken from several of the banded geese.



Science aside, bird banding can be plain tiring—and muddy! Below, Camp Quagmire, with Dr. Fred Cooke of Queen's (gesturing) and Jen and Des Bartlett, photographers.



Are Alumni Still Important?

Alumni may return to the campus for reunions, fund-raising dinners, or occasional visits, but often their closest contact with their alma mater is the plea for money that comes in the mail.

When student unrest erupted a few years ago, however, college administrators quickly realized that alumni could make their opinions felt. Thousands of telegrams and etters flowed across the desks of presidents and deans in the wake of sit-ins and demonstrations; some alumni withheld money even though they had given before, or made their unhappiness known in other ways.

In the campus preoccupation with nternal power struggles, alumni usually have been bystanders. They are rarely involved in the day-to-day ife of the campus; unlike students, aculty members, and administraors, they are not present to exert an mmediate influence in the struggles hat often paralyze a school.

Many colleges are now searching or new ways to involve their alumni, particularly those who feel esranged from the contemporary ampus by a growing gulf of manners, morals and concerns. The impact of alumni, however, will grow as their numbers grow. It probably vill be channeled into the following reas:

Is voting citizens: Alumni will have in increasing influence as voters, as nore and more of the questions affecting higher education are decided by elected officials. Even private institutions will receive more financial support from government sources in the next few years. Members of Parliament will, through government loans, grants and institutional aid, make more and more decisions about who can attend college and where. In the 1980's, colleges and universities may value their alumni as much for their votes as for their dollars.

As donors: No matter how much more they receive from tuition or from government, colleges and universities will not have enough unfettered money to do all the things they want to do. Contributions are still the best means of giving them a chance to experiment, to perform with extraordinary quality, and to attract new kinds of students.

As parents: Alumni will have vast influence over the education of their children. By encouraging new approaches to teaching—and by encouraging their children to take advantage of them—alumni can help to broaden the structure of higher education. They can give their sons and daughters additional opportunities to appraise their future careers and make more efficient and intelligent use of college and university resources.

As employers: Alumni influence the qualifications that are demanded for entry into many jobs. They can help eliminate some of the current educational overkill now demanded for

many occupations, and they can provide on-the-job apprenticeships and other opportunities for employees moving up in the system.

As citizens: Alumni can lead in efforts to make elementary and secondary education respond to the needs of all children, thereby reducing the burdens placed on colleges to provide remedial help. They can make sure that public education serves the public at all levels.

As members of a changing society: Alumni can develop tolerance and understanding for change in their own colleges, and prepare themselves for new opportunities in society.

As partisans of their colleges: They can increase their effectiveness by remaining alert to the changes in higher education, placing the changes at their own college in the context of broad structural changes in colleges across the nation.

As educated men and women: They should hold onto their faith in learning as a hope of civilization, and their faith in colleges and universities for nurturing that hope.

This article was prepared under the direction of the trustees of Editorial Projects for Education, Inc., a non-profit organization informally associated with the American Alumni Council.



To suggest that the survival of civilization in something like its present form might depend significantly on the efforts of a single man without control of any large political, spiritual or military forces may sound ridiculous. Still, a fairly good case to that effect can be made out for the activities of Maurice F. Strong."

So said the *New Yorker* in the June 3 issue published shortly before the United Nations Conference on the Human Environment, of which Mr. Strong is Secretary-General.

Maurice Strong holds ten honorary degrees, including a Doctorate awarded by Queen's in 1971. He is a self-educated, self-made millionaire, business magnate and influential national and international civil servant. A Canadian of humble and common origins, he is today a statesman of the highest calibre.

He was born in 1929 at Oak Lake, Manitoba, a C.P.R. whistle-stop of 400 people. The depression years were hard, and the family of six—Maurice was the oldest of four children—moved often. In 1942, aged 13, he enlisted with the help of falsified papers. "Recalled" by his father, he finished high school, then went north as a fur trader. He learned economics by learning the fur trade. He also learned the language of the Eskimos and developed a sensitive concern for the problems of Canada's indigenous people. His concurrent collecting of rock samples led to a partnership with a prospector and the establishment of an exploration company. Legally he was 21; actually he was 17.

Mr. Strong first learned of the United Nations from a scrap of newspaper he snatched as it blew around in the wind. He left the mining industry and went to work for the fledgling U.N. as an assistant pass officer—a messenger-boy type of job. He didn't stay long, but he learned what he wanted to find out. He wrote at that time: "I am most impressed with the U.N. and convinced that therein lies the key to my future." He further vowed that when he returned to the U.N. it would be as his country's representative.

The next years found him travelling the world and making his name in business—mining, oil and management. His success was parallelled by his concern for

Maurice F. Strong

Prophet of Hope

by John Maskell

international development, and the alleviation of poverty.

When Maurice Strong was 33, the giant Montreal holding company, Power Corporation, hired him as executive vice-president and managing director, with the promise that he would become president when he turned 35.

In 1965, at the request of Prime Minister Pearson, Mr. Strong moved from Power Corporation at \$200,000 a year to the director-generalship of Canada's external aid office—for an 80 percent cut in salary. In four years he completely reorganized Canada's foreign aid effort into the Canadian International Development Agency. He became widely respected for his foreign aid work and as Canada's representative to the U.N. Development Program. In 1970, Prime Minister Trudeau was petitioned for Mr. Strong's services, on behalf of the U.N., by U Thant, Swedish ambassador Astrom and the Swedish Prime Minister, Olaf Palme.

Following several months of double duty and flying between Ottawa and New York, Maurice Strong officially became Secretary-General of the Conference on the Human Environment in January 1971.

He loathes red tape and is bored by bureaucracy. He quickly overhauled the conference program and streamlined his secretariat to about two dozen professionals and as many support staff, hired a team of management consultants to design the actual conference and advise on logistics, and reduced the paperwork budget from \$800,000 to \$250,000.

Convinced that action is indispensable if man is going to deal with the environmental problem on the scale required, Maurice Strong determined that all nations should participate, and that nations should send representatives of sufficiently high level that decisions, and not just discussions, would result from Stockholm.

He knew that many of the developing countries were dubious about the conference and was aware that many were willing to accept some pollution and messy habits for the sake of desperately needed employment and industrialization. He convened a conference of experts from developing countries in Founex, Switzerland, in order to focus on and articulate the relevant issues. It became increasingly evident that economic developmen

and concern for the environment are as closely inter-related for developing countries as for developed ones. It is possible to consider pollution, erosion, urban crowding, etc., without particular concern for development. But it is pointless to consider development without concern for the environmental parameters of pollution, erosion, urban crowding and resource management. At Founex and five subsequent regional economic sessions, the developing countries realized that not only were they involved; they had much to contribute and gain through the Stockholm conference.

Through a 27-nation preparatory committee, more than 80 countries produced reports on their environment, many of them candid and self-critical. Then 7,000 pages were boiled down to 800 pages of official conference documentation for a three-pronged approach:

- Earthwatch—a global program of environmental assessment and management, plus ongoing support activities such as education, public information and organization financing;
- The Declaration on the Human Environment, which set down guiding principles;
- Proposals for establishing the Conference on the Human Environment as a permanent U.N. conference.

On the more intellectual and conceptual level, Strong commissioned an unofficial report on the human environment written by Britain's Dr. Barbara Ward and New York's Dr. Réné Dubos (another honorary Queen's graduate, laureated in 1968 at the time of Dr. John J. Deutsch's installation as Principal). Their report, entitled *Only One Earth*, has been published in a highly readable book which was translated into seven languages to begin with and which was the mid-summer selection of the Book-of-the-Month Club.

In the 18 months preceding the conference in Stockholm, Maurice Strong co-ordinated these activities

with a minimum of office time. Continually on the move, he visited and campaigned in more than 70 countries, some several times. Sleeping in planes, dictating tapes to his Geneva staff in hotel rooms and keeping his finger on the pulse of the world conference by phone, he quickly gained the respect of international leaders.

No one did more for the preparation of the conference than Strong himself, and at the conference noone worked harder, longer hours. The conference might be criticized for what it did not tackle. Strong limited its scope to those things he considered scientifically essential and politically possible. But the conference was singularly successful in handling the issues placed before it. The representation was high level, it did represent the world, and issues were debated by home governments before being presented to the conference.

Unfortunately, the socialist countries boycotted the conference in its final stages over the non-seating of East Germany. However, members of the East European bloc, and Russia particularly, took a very active role in the preparatory process.

There were hitches at Stockholm. Breakdowns in negotiations did threaten, and some predicted Stockholm would end as UNCTAD III had. But Maurice Strong has an incredible ability to orchestrate expertise into a harmonious performance. In the end, the conference yielded up to the U.N. General Assembly *The Declaration on the Human Environment*, the global Earthwatch, and recommendations for ongoing political machinery.

But Stockholm is only the beginning of a process. At the outset, Mr. Strong made this pronouncement: "I believe the knowledge and power of science and technology, which have opened up new dimensions of enrichment and promise for mankind, constitute at the same time the greatest threat to its future. They are not only a threat to those pre-

cious qualities that constitute the essence of our humanness."

He also proclaimed that "man is unlikely to succeed in managing relations with nature unless he learns to manage better the relations between man and man. Here lies our greatest challenge."

He is well aware that world environmental catastrophe is possible, but Maurice Strong is far from being a prophet of doom. He remains tremendously buoyant and adamant about man's cause for hope, a hope that is probably best expressed in the statement from the non-governmental organizations to the plenary session of the conference:

"We pledge ourselves, in our work, our loyalties, our contacts and our own styles of life, to try to live as citizens of a loved yet endangered planet and to share our common heritage with respect for all living things in justice and amity with the people of planet earth."

The peoples of the world are learning it behooves us all to listen to what this unassuming Canadian has to say.

ABOUT THE AUTHOR: John Maskell, Sc. '70, attended the Conference on the Human Environment last July in Stockholm as a representative of Queen's University and the Kingston Whig-Standard. At the closing of the conference he wrote:

"Stockholm heard prophets of doom and prophets of hope. The doom lies in mankind professing great things but pessimistically veering only insignificantly from his present way of life. Hope lies in the optimistic belief that man will rise to the challenge of global social management; the challenge of generating new attitudes and values, new ways of forming objectives, new ways of rewarding and stimulating achievement, new ways of measuring success. By our present values, man's technological successes have wrought social failures."

The onus for action, he believes, is with public opinion—individual and group expressions of concern which will require our politicians to meet the obligations they have undertaken. "Politicians cannot lead very far ahead of what and where the public will follow. The groundswell for change must come from society itself, from within professional, industrial, commercial, labour, consumer, educational and recreational associations, where informed citizens perceive and articulate problems, inequities, and imbalances and strive toward understanding, answers and action."

Industry challenges the University:

"We need thinking people, not educated machines"

This article was written by R.S. Collins, Personnel Assistant to the Works Manager, Alcan Canada Products' Kingston Works, and first appeared in the Alcan publication, *Compass*. Dr. George A. Harrower, Vice-Principal (Academic), gave the article wide circulation on campus, calling it "a concise and powerful statement of a point of view which should find considerable sympathy at Queen's."

In the current efforts being made to re-think the role of educational institutions in our modern society, it seems to me there is an area of confusion which deserves some attention. Stated briefly, I suspect that many educators are trying too hard to please those of us in business and industry because we are potential employers of their students. In addition, they are making some unfortunate assumptions about the requirements of business and industry in the future. As a consequence they are failing in their unique opportunity to discover and develop individual potential; and, as a result of that shortcoming, are failing to produce high quality thinkers who are equipped to cope with the problems of the future.

For example, in the organization in which I work, we have for several years been moving away from some of the concepts which have been regarded as typical of industrial enterprises. The traditional bureaucratic model of organization involving well-defined jobs, organizational "boxes," fixed relationships and the "mechanical" combination of these elements, has been found wanting and is being rapidly abandoned, particularly in the parts of our operations that depend on innovation and problem solving. Increasingly, we are finding that our human resources achieve much more—and there are also many more personal satisfactions—in a flexible organizational pattern, one which adapts naturally to new situations as they arise.

Perhaps this is so because the problems of life,

including those encountered in an industrial operation, do not come in neat packages, all boxed and labelled. They come ill-defined, intermingled and with no priority ratings. We are therefore finding that our success in dealing with these problems depends on our ability to organize so that the right people can gather around the right problems at the right time.

Such an organizational approach never falls into a definite routine. It has to be lived and worked at constantly. It is seldom marked by the order and control which go with more bureaucratic approaches. It allows more mistakes to happen and it generates its fair share of frictions and frustrations. But in our experience the greater achievement which a freer organizational pattern makes possible more than justifies the efforts needed to make it work.

In these circumstances we have to be very selective about the people we add to the organization. We want people who will feel comfortable in this kind of fluid situation; people who can accept and cope with ambiguity; people whose clear thinking habits bring order out of ambiguity; people who can understand large systems and how they relate to one another; people who can fill changing roles in varying sets of circumstances; people who are unencumbered with preoccupations about job titles, job levels, authority, and prestige of office; people who are interested in group achievement and in the prestige that flows from knowledge, competence and accomplishment. It is not easy to find candidates with these characteristics, but we are prepared to search them out even if we operate shorthanded during the search.

"Large numbers of students are encouraged to meet 'requirements' rather than to develop personal mental powers"

In the light of all this, we are concerned by what we see as a continuing trend, on the part of the post-secondary school educational institutions, to train people to perform specific jobs so that they can be plugged into organizational systems which we consider obsolete. More and more the objective of education seems to be to make "products" which can perform specific jobs for employers, whereas we are looking for people who can add to our creative effort, people who can define and re-define their "jobs" over and over again depending on the requirements of the situation. We need individuals who, as a result of their educational experiences, have so tuned up their particular talents, their intellectual capac ity and their sensitivity to the potential of others, that they can quickly add to the productive capacity of the organization. Yet, from where we sit, it looks as thoug large numbers of students are being encouraged to meet "requirements" rather than to develop their personal mental powers; being encouraged to learn the right answers, rather than being helped to ask the right

questions.

Value judgments are central issues of life, and consequently central issues of the segment of life which encompasses industrial enterprises. We can easily find people armed with techniques to achieve certain limited goals, be they production targets, profit levels or whatever. We are always short of people who can handle the intellectual demands of deciding what our basic goals should be, who can provide the moral leadership necessary to move the organization towards these basic goals, and who are not confused by the apparent urgency of short-term goals which have not been properly integrated into the basic scheme.

Admittedly we are talking here about a high standard of intellectual excellence—but not one which is unachievable. Some individuals manage to develop these capacities in spite of adverse experiences, both in educational institutions and outside of them. However, we are inclined to think that a change in emphasis in the post-secondary educational levels would help more people to develop these capacities. Not only is the development of these intellectual powers necessary to make all types of organizations more productive, it is also needed to satisfy the human need felt so keenly by so many—to grow in wisdom and knowledge. Clear evidence is developing that the new generation will not accept traditional values without question, and that they find certain aspects of organizational life restrictive. The evidence is less clear that they have the capacity to think their way to better conclusions than the previous generation. The educational setup is deeply involved in these developments and must find more effective ways to teach young people how to think, regardless of the subject matter.

I am thinking of two related areas of response where we find many graduates of our educational systems seem to get into difficulties. Firstly, there is the trap of trying to introduce rational order into aspects of life which are just not "orderable." Secondly, if and when it becomes obvious that things cannot be put in a rational order, there is the tendency to react irrationally and emotionally to *that* circumstance.

The human mind naturally tends to sort out the myriad messages about the world which come to it, and to put them in an orderly arrangement. Educational experiences in schools are designed to assist in this process. However, it would appear to us that emphasis on this aspect of learning has not been balanced by emphasis on the "disorderly" aspects of life. Somehow the general impression left with many students is that every situation can be mechanically broken down into component parts and assembled in a rational order. As a consequence, these people often enter complex situations bent on "managing" or "organizing" or otherwise "straightening things out," without examining—or even having the ability to appreciate—the essential nature of the total situation. Such an examination might reveal

that the current combination of human relations, timing, surrounding emotional climate, previous history, practical restraints, and a host of other factors, make the problem unsolvable in any mechanical way. The person who does not grasp this characteristic, and who bravely plunges in to solve it all, succeeds only in making himself part of the problem.

"The truth dawns that certain aspects of life simply cannot be laid out in a consistent pattern"

A related shortcoming is the response of individuals when the truth dawns that certain aspects of life simply cannot be laid out in a consistent pattern. Without the philosophical ability to stand far enough back so as to see an "unorderable" set of events merely as another fact to be reckoned with, many people react either with frustration, anger, and suspicion that there is some sinister plot afoot to make things difficult; or they react with fear, withdrawal and a tendency to throw up their hands.

The general assumption that everything can be rationalized has perhaps led the educational institutions into another trend which concerns us—the attempt to teach what cannot be taught. The belief that you can teach people in school how to "be" managers, for example, is an unfortunate notion, both for the individual and for the organization he enters. We recognize that there are logical systems of knowledge and techniques for the manipulation of data which are useful for those who manage, and these things can, of course, be taught in the same way that algebra and the principles of hydraulics can be taught. We have no quarrel there. However, the essence of good management lies not in the skilful application of techniques and mechanisms to people and things external to the manager, but rather in his ability to live in a situation in such a way that it is led in a positive direction. Since no one can really teach us how to live, there is no way this segment of living can be taught.

Put another way, formal education experiences cannot produce wisdom, but, I submit, they can condition minds so that wisdom can be more easily acquired through the process of living. The development of mental patterns which aid the individual to perceive more clearly the essential realities of the world around him, to recognize the limitations of techniques and mechanisms, and to respond to the uniqueness of each situation—these are invaluable mental skills which can make all aspects of living more meaningful and fruitful.

I do not have a neat little solution for the issue I have raised, and I am not trying to affix blame. I only know that in my organization we see a growing mismatch between the dynamic, adaptive people needed to handle tomorrow's problems, and the standardized products which many of our universities and colleges seem bent on turning out.

A Family Practitioner Speaks Up



Dr. Milton D. Snarch

Canadians are calling for family doctors, but the profession isn't listening.

That's the opinion of Dr. Milton D. Snarch, a Queen's graduate of 1951 who's a general practitioner in Montreal and is affiliated with McGill University. He has a range of other opinions on the subject of family practice:

- Doctors should go back to making house calls. One home visit is worth 20 trips to a psychiatrist in sizing up a patient's overall situation.
- Too many doctors will not accept the fact that a patient is not well unless they can see evidence of physical disease, such as fever, a coronary, or an abscess.
- Doctors shouldn't let a sense of failure to cure keep them away from dying patients.
- Properly trained, a family physician should be able to handle completely 90 percent of the patients he sees.
- The social conscience of today's medical students will be the factor that brings a real swing back to family practice.

Throughout his career, Dr. Snarch has been an outspoken advocate of more and better general, or family, practice. He is a contributor to the Journal of the College of Family Physicians of Canada and in 1965 won the Ortho Award for the best article written by a general practitioner. Over the past ten years he has stayed in touch with Dr. E.H. Botterell, former Dean of Medicine, and his successor, Dr. D.O. Waugh, both of whom, he says, "are specialists but keenly interested in family practice." When the University Senate early this year approved the establishment of a Family Practice Department, he was one of many alumni who communicated their approval and support.

The Faculty's proposal to Senate

defined family practice as "the provision of primary, continuing and comprehensive medical care to any or all members of families at all ages of life." (See *Queen's Review*, January-February.) As Dr. Snarch puts it less formally, family practice means seeing the patient as a whole, dealing with him in the context of his family, seeing not only the reported physical symptoms but the social aspects and emotional problems as well.

"What the average person wants," he says, "is to have a personal physician, but there just aren't enough family doctors. It is both important and necessary that GPs co-operate with specialists to obtain their opinion in dealing with difficult problems. But the family doctor must reassure his patient that he is not being cast off to another doctor, that his personal physician is seeking a specific opinion from a specialized person in one area of the patient's life, and that his continued interest is always present."

The ratio of GPs to specialists has gone far off balance in this country, Dr. Snarch believes. In his home province of Quebec, the ratio is 65 specialists to 35 family physicians. "Obviously this is not what the people need," he points out, "and the government has realized it. Provincially, it's in the West that the emphasis has shifted most significantly to family medicine."

Dr. Snarch has strong opinions about the training for family medicine. Because students receive their training in a hospital setting, they get the impression that all sick people are in hospitals. Then the graduate ends up hospitalizing patients if he's uneasy about his diagnosis—or lack of one. According to this GP, 99 percent of the population can be treated just as effectively outside of the hospital.

"Taking patients out of their

home environment—especially children and mothers of young children—is poor treatment unless it's strictly necessary," he says.

Surveys have shown, he adds, that medical students in their early training have general practice as their goal for a career in medicine. But over the years in their training they see only specialists. It is only natural, then, that they swing over to a specialty themselves. Dr. Snarch advocates faculty choosing good family physicians for their staff. "These doctors would do most of their teaching in their own offices and on house calls. This exposure would show medical students the art and science of medicine as it is actually practised."

Dr. Snarch also thinks that every doctor should have a grasp of social agencies in his community. He should be referring patients to these agencies for specific social problems in the same way as he refers them to specialists for specific medical problems. The patient is not composed of a number of organs, he reiterates; he is a whole being. He doesn't have to have a fever to have a problem affecting his health. In fact, he's convinced that 70 percent of patients seen by the GP have an emotional problem. It can be either the main eason for their illness or can be a portion of a problem which includes organic disease. Many patients are iware of this, 'way ahead of their loctors.

"Some doctors are technicians," says the doctor, "good at treating organic disease but not interested in patients who just 'don't feel too good.' And so these patients present a set of symptoms to their doctors as tickets of admission to guarantee being seen." Family physicians should be trained, then, Dr. Snarch says, to evaluate the total situation the patient's in—economic, social and family relationships. "And the

answer to that is house calls!"

Family medicine is a specific discipline in medicine and requires specialized training.

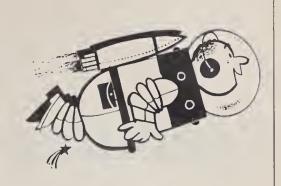
("A surgeon who's a drop-out makes a lousy GP," he says, "because he's not trained for it.")

The family physician, according to this practitioner, is medicine's "first line of defence." He must be trained to pick up early signs of disease, physical or emotional. By virtue of this training and his own attitudes, the family physician should be able to handle completely 90 percent of the patients he sees. And to Dr. Snarch, handling, or care, or, better still, caring means more than just treatment. For example, when a doctor has done everything he possibly can for a cancer patient, and that patient's condition is inevitably deteriorating, a doctor's sense of failure may keep him away from the bedside and make the dying patient feel abandoned.

Canadian medicine in general has made a start on responding to the changed needs of the population. Queen's is among several universities involved in studying the whole field of health care and its delivery, and experimenting with community clinics and doctor-assistants.

"We've got to do three things," Dr. Snarch figures: "Find people's needs, teach doctors to meet these needs, and then find how best to deliver the finished product.

"Helping this process along is a new breed of student with a new awareness of society as a whole. General practice is an area where these young people can do their thing," he thinks. "We're leaving behind those days when students chose their specialties by how much an obstetrician makes, or a plastic surgeon, or a neurologist. They're concerned with social service and the personal satisfaction there is in caring for 'their families' during their career in family medicine."



MOVING?

If you are about to change
your address or have just done
so, please cut off the address
label from your copy of the
Review and mail it, along with
the following information, to:
Alumni Office,
Students' Memorial Union,
Queen's University,
Kingston, Ont.

DEGREE/YEAR
NEW ADDRESS (include Postal Code where applicable)
ANY NEWS about you we should have in the Review? (Births, marriage, promotion, honours, change of job etc.)

Resources and Recycling

Over the past few years it has been common to hear that the world's mineral resources are being exhausted at an alarming rate, that our society must cease its wasteful practices, and that emergency measures must be adopted to prevent our waste disposal systems from poisoning our environment. At the same time we are exposed to arguments that industry cannot afford to recycle products, that our economy cannot afford the price of environmental protection and that the concepts of reclamation and recycling are unrealistic or premature searches for publicity.

It is a fair bet that these various claims are not all accurate, and that they are not all inaccurate, but it is almost impossible to sense the important inaccuracies and accuracies on any casual basis. Thus it is difficult to make reasonable decisions on exactly what might be done and how to do what must be done. Nevertheless, it is not difficult to outline the problems and the prospects that exist and, given this appreciation, to separate areas of genuine concern from Henney Penney's warnings of a falling sky.

As a first step in a search for order, the legitimate aspects of the problems must be accepted as real concerns of all, not just problems faced by others. Fortunately there are only two of these firstline issues to be faced:

- One is the fact that natural resources are *not* unlimited but commodities whose exhaustion is *possible*. Mines can be exhausted because ore does not grow back, energy cannot be expended twice, and forests and wildlife can be killed.
- The other is that our society does produce massive quantities of waste whose disposal is a costly process. Undoubtedly, there are greater waste generators than our households, but so long as our households produce as much as they do, we need not worry about the competition for an unpopular prize. Moreover, those wastes generated in our homes are not due to a single feature of our life style, such as packaging; they are the product of our entire social structure, including packaging, unacceptability of compost piles, wish for newspapers, the convenience of the can and the destructibility of most items we use. There is no significant chance that we will change our living patterns enough to alter the

picture materially, no matter how well intentioned we might appear.

Of course, despite the absolute nature of these two situations, there is neither a single status for all resources nor a single disposal cost or system for all communities. In fact, the confusion we are aiming to clarify is the product largely of the range of materials, conditions and options that exist. However, by examining a few resource commodities that are of interest to Canadians and by looking at disposal systems in a broad light, we can develop an overview quickly and easily.

Resources

Canadians can be properly concerned for the use to which their forests, water, land, minerals and energy are applied. These are the basic values on which the nation depends and the raw materials on which we rely for our existence. However, for the present analysis, one can ignore two of these and consider a third in only a limited way: we already have extensive regulatory and research facilities whose aims include the preservation and constructive use of our forests and waters; and we need not consider land utilization in its widest sense because we are not dealing with the agricultural industry, per se, at present.

However, land area in which obnoxious wastes can be placed permanently is assuredly an exhaustible resource. Municipal wastes qualify as obnoxious materials, and burial of these wastes introduces hazards due to the process of degradation. Thus, land allocated to disposal may generate ground water pollution while it also makes the land unsuitable for standard construction for decades at least. Obviously, this will be most important in populated areas or in the rocky areas that make up our tourist regions, and in that sense land is a vital concern, along with our minerals and our energy supplies.

There can be no question that Canada's mineral resources are vital to the nation, but some are more so than others and in different ways. We can appreciate the range of problems and prospects by considering only the

A Provocative Analysis

By James H. Brown

Canada is a major supplier of iron ore from extensive deposits in Labrador, Quebec and Ontario especially,

Canadian status for iron, zinc, aluminum and copper.

but also from British Columbia and Nova Scotia. Numerous other massive deposits exist in areas we can expect to be developed in future. In total, Canadian reserves of iron ore are large enough to last for at least a century, more likely several centuries. Thus no urgent case exists that iron and steel must be recycled to preserve iron ore. Other metals will be exhausted, perhaps, disastrously long before iron ore.

In striking contrast to iron ores, consider the Canadian position with regard to zinc. Whereas Canada's extensive iron ores are but a small portion of total world reserves, Canadian zinc accounts for about one third of the world reserves and, whereas iron ore may last for centuries, the price of zinc must double at least to allow our zinc reserve to last as long as 50 years. Thus it is more than appropriate to think about the way we use zinc, its substitutes, and whether we could or should control and recycle the metal.

In at least a few applications that account for much zinc consumption, aluminum alloys are competitive; in protective coatings and in die casting, the substitution is almost totally dependent on close economic competition. However, two other factors bear on the practicality of enforced substitution:

- Canada has no reserves of aluminum ore; all aluminum produced in Canada is extracted from imported ores. As a result, substitution of aluminum for zinc to extend Canadian zinc independence merely increases Canadian dependence on foreign aluminum ores.
- The amount of energy required to produce aluminum, primarily electrical energy, is approximately four times that required to produce an equal volume of zinc.

The simplicity of the substitution is promptly fogged by international political considerations and by the cost and competition for energy.

In contrast to iron, zinc and aluminum, copper is relatively scarce but widely distributed throughout the world, though Canada is a major exporter. Its value is high compared to the other three, so it is not surprising that an extensive system of recycling exists for it.

These brief examinations show there is no basis for

regarding the reclamation and recycling of metals as a categorical or simple proposal. Some materials can, should, or must be reclaimed and reused; for others, supply, market limitations, international policies, or production characteristics may dictate or influence the procedure to be applied.

Nor is the Canadian picture in energy any clearer than that of metals. Consider our sources and our position on each. Our sources of electrical energy include hydroelectric, nuclear and fossil fuel plants. The major portion of our hydroelectric potential is already developed and, if conservationists have their way, correctly or not, may be considered totally developed. The capital costs of nuclear systems are high enough to prompt second thoughts on that method and maybe to delay adoption of such systems. And however large Canada's coal, oil and gas reserves may be, they are all remote from the power-consuming areas of the country. For practical purposes, Canada may be obligated already to a continental energy policy as a solution to fossil fuel distribution problems.

At the same time as we anticipate a long-term reliance on Appalachian coal for much of Ontario's power requirements, the shortage of coking coal for reduction of iron ore is a parallel concern. Acceptable low-sulphur coking coal exists in Canada, but the deposits are in the west while our steel industry is in the east, and western coals are being shipped out of the country, not used at home. Thus the questions of metal resource utilization and energy resources are interlocked; to the confusion of competitive materials we add the intrigue of international distribution. The reclamation of iron from scrap autos may not be justifiable on the basis of iron ore reserves, but it might be an essential aspect of a national energy program.

It is small wonder that no simple or categorical policy exists.

Neither is it comforting to suspect that the development of reclamation and recycle systems is merely an incidental adjunct to waste disposal problems! Yet that is a fair statement of the manner in which the field is being handled.

What, then, is the situation in the disposal business? (Continued) The Hamilton Branch of the Queen's Alumni Association is holding a

GREY CUP PARTY

on December 2, 1972, at the Faculty Club of McMaster University, Hamilton, Ont. The party begins at 7:00 p.m.



Make new, meet old acquaintances from across Canada, and oil the thigh with dancing and cocktails.

RESOURCES and RECYCLING continued

Disposal

Basically, there are two conventional systems for disposal of municipal wastes. In one, wastes are buried, in the other they are burned.

Burial systems are euphemistically known as sanitary landfill systems. Usually they involve little or no salvage of valuable components, and occasionally they are presented as "ground reclamation" systems. In spite of misnomers, when and if land and suitable cover soil are available these systems will be the cheapest available, primarily because they require only small investments and incur small amortization costs. Moreover, if operated properly—that is, in accord with the regulations of the province's Waste Management Branch—they introduce no significant pollution haz-

Why look for other approaches, then? Why not continue the burial approach under control?

One answer could be that the system does not provide for recovery of any components of the waste. In principle, then, the method is inconsistent with the concept of reclamation and recycling. But this answer is not nearly so important as the economic one: acceptable sites are increasingly scarce, particularly in populated areas, and the costs of transporting wastes to remote sites are higher than might be expected. For example, the operating costs of a large landfill site under good conditions may be as low as \$2.00 per ton of waste. However, the cost of a transfer station where garbage from the municipal truck is transferred to a second vehicle for hauling to a remote site will be about \$2.50 per ton, and the haulage charge must be added to the sum of these two. Using a remote landfill site can double or triple the basic disposal cost.

In contrast to burial systems, the great disadvantage of burning systems is their high capital cost. For example, conventional incinerators are now supplied at investments in the range of \$15,000 to \$25,000 per ton per day of capacity and, to fulfill Ontario Air Management Regulations, a cost of about \$20,000 per ton per day is probably a reasonable estimate. Under normal operating conditions, this investment, if all provided by municipal bonds (say 20-year bonds at eight to nine percent), will require a debt service charge alone of over \$6.00 per ton. Only if grant funds are available to allow other governments to share the cost is it reasonable for a community to adopt incineration in preference to landfill.

Operating costs for incinerators tend to fall in the range of \$4.00 to \$6.00 per ton, depending on size, design, age and so on. Despite design promises and publicity, few incinerator systems in North America have managed to sell steam or power—probably because of the high cost of generating steam and power from low-calorific fuel. Even at no cost, garbage as a fuel is not competitive with other more conventional energy sources.

Prospects

The unconventional alternative to the conventional burn and bury could be called use. If burn and bury both dispose of wastes by getting rid of them, the use approach puts the wastes to a constructive purpose. However, the distinction is larger than it appears for a simple but often overlooked reason. A disposal system cannot allow any fraction of the waste stream to accumulate indefinitely, and so the governing feature of a disposal system (so far as technology and cost are concerned) is not the manner in which a

portion of the wastes is handled but the manner in which the least attractive material is handled. For example, paper and metals may be reclaimed from wastes before the remaining garbage is buried, and that system may involve reclamation and recycling of portions of the feed, but it is still a burial system. A genuine use system will be one in which all portions are put to constructive use.

Uncommon they may be, but use systems exist and others are in various stages of development. One example of a fully proven system would be a composting system with or without reclamation of some components. Undoubtedly there is room to develop markets for finished compost; in time this may be a compelling attraction for the system. Even without these markets, though, compost can be produced reliably, its disposal presents no technological problem, and its utility is not eliminated by the lack of a market.

Systems in an intermediate state of development would include pyrolysis systems and partial combustion or gasification systems. These processes have proven effective in pilot scale systems, but their escalation to full commercial scale still requires development work.

Perhaps the most significant feature of use systems is their dependence on local conditions, including potential markets for the various products. Thus a composting system may be especially appropriate in the Sudbury area, where the opportunity to provide a base for vegetation over large areas could make the availability of large amounts of compost an attractive feature. Similarly, an effective pyrolysis system will undoubtedly be attractive to cities with industrial communities capable of using a gas of moderate heating value.

RESOURCES and RECYCLING continued

In general, the potential for use systems has not been developed yet in either of two important aspects: One concerns equipment which will extract reclaimable and directly recyclable materials from a waste stream; the other concerns markets for the various products that can be anticipated. Development of equipment requires funds and a reasonable test facility; growth of markets depends on both product development and assurance of reasonable supplies of raw material. However, this is a "chicken and egg" situation, in that the production of materials on which to develop markets depends largely on availability of extraction apparatus whose development depends on the availability of markets for extracted products. Rather than try to analyze the philosophy of the closed circle, assume that someone will assume that extracted materials can be produced and consider the state of the existing markets for several well-known components of municipal waste:

- Paper. First, there is a market for some recovered paper in Canada at present, but not for the volumes of paper that could be produced if even one major city were to undertake an extensive reclamation program.

 Moreover, the cost of creating recycling systems for paper products is high, probably in the order of \$100,000 per job. Until our forests are being cut at a rate much higher than their growth rates, then, it does not make sense to reclaim an inordinate amount of paper.
- Glass. There is a large market for reclaimed glass, provided it meets quantity and quality specifications fundamental to glass manufacture—colour specifications and freedom from contaminants. Unfortunately, there is yet no commercial device for ensuring these requirements.

- Metals. The market for reclaimed metals is not new nor are the quality requirements impossible. However, until a mechanical device exists to extract and sort metals in the required quantities and qualities, there is little basis for predicting the value of this stream.
- Plastics. Recovered plastics could be used in several ways. If sorted by composition they might be recycled. And because they are competitive with oil as fuels, their use in the energy market may be practical. Again, there is a problem in the extraction system.
- Compost. Without question, compost can be produced from the biodegradable portions of waste and can be used effectively. With the exception of small quantities that can be sold as mulch or soil conditioner for use around residences or on experimental plots, though, no dollar value can be claimed for compost, since no market exists at present for large volumes. It is competitive with peat moss, not with fertilizers, and that application makes distribution costs hard to justify.

On balance, it is clear that the development of new disposal systems will require a positive effort and that an increasing number of communities can expect to need new systems in future. Some of that need is already clear, of course, and as landfill sites are exhausted the need will increase.

What, then, can we say about these broad areas of resources and recycle?

One answer is that we must face our energy requirements and policies more realistically than we have so far. At one extreme we can ask whether we should not press strongly for development of pyrolysis systems so that we can contribute to the energy supply while reducing our disposal problem.

Another would be that we establish quickly a capability for developing new disposal systems, and for reclamation and recycle technology. We can hardly afford to develop these by the evolutionary method if that will take years. Instead we need a deliberate or revolutionary approach, including the physical plant and the funding to develop, test, and apply new methods.

What prospect is there that this revolutionary approach will come about? So far the prospects seem slim in that nothing of this sort exists at present in Canada and we know of no plans for the responsible governments—the provincial governments—to set up such a prospect. On the other hand, the recognition and statement of the problem may represent a reasonable starting point. In that case, let us begin!

ABOUT THE AUTHOR: Dr. James H. Brown is Professor of Mineral Engineering at Queen's and former Dean of Applied Science. He is a graduate of Queen's (B.Sc.'50) and M.I.T. (M.Sc. and D.Sc.). In collaboration with Dr. Reginald H. Clark of Queen's Chemical Engineering Department, Dr. Brown prepared a feasibility study of reclamation systems and an analysis of waste disposal technology for the Ontario Economic Council. That report, titled "Municipal Waste Disposal: Problem or Opportunity," elicited such a demand that it is already out of print. Dr. Brown first presented this paper on "Recycling and Resources" to a summer meeting of the Belleville Branch of the Queen's Alumni Association.

Around the Campus



Prof. John Meisel

Elected head of political scientists in Canada

One of Queen's best known professors, Dr. John Meisel, has been elected president of the Canadian Political Science Association for 1973-74. He will assume office immediately prior to the World Congress of the International Political Science Association, to be held August 19-25 in Montreal. It will be the Association's first meeting in Canada.

Dr. Meisel has also received a further \$55,600 Killam Award from the Canada Council to continue his study of political parties and their role in the Canadian political process. The grant brings to \$350,000 the money awarded to Professor Meisel for his five-year study.

One of the by-products of his research is a new book, Working Papers on Canadian Politics (McGill-Queen's University Press), which analyzes the issues during the first Trudeau-Stanfield election and considers attitudes during the 1965 election. He plans two further books: one on the 1958-65 period and another on the 1968 election.

Ecumenical institute will 'update' ministers

The six major denominations in the Kingston area have established an ecumenical Institute of Pastoral Care, based at Queen's Theological College. It is designed to help clergy engaged in the pastoral ministry to relate more fully with their congregations and discharge their pastoral responsibilities more effectively. This will be accomplished through a program of in-service training that began in September.

The program consists of a three-week period of intensive lectures and seminars, followed by meetings once or twice a week for progress review, through June 1973. After the first three weeks, students will carry out their regular duties in parishes under the supervision of the Institute director, Rev. Dr. A.J. MacLachlan. He has been director of Supervised Pastoral Education at McMaster Divinity School for 21 years.

The Institute at Queen's is supported by a grant from the Ecumenical Foundation of Canada. Its board of directors represents the six sponsoring faiths: Anglican, Baptist, Lutheran, Catholic, United and Presbyterian.

Clergy of any religious denomination are eligible for courses at the Institute. Alumni interested should apply by letter from the church to which they are attached.

The Institute of Pastoral Care is offering parallel courses one and two evenings a week for lay members of congregations and church officers.

Resigns Art Centre post; now artist-in-residence

The resignation of Ralph Allen as Director of the Agnes Etherington Art Centre, effective August 31, took the campus by surprise. Mr. Allen, who was promoted to the rank of full professor in the Department of Art History this spring, will remain on campus as artist in residence, and will also lecture parttime. His appointment as artist in residence is for a two-year term.

Mr. Allen has been director of the Art Centre since 1965, when he succeeded artist André Bieler. In announcing the resignation, the Principal commented that "the Art Centre has been firmly established, not only as an impressive asset to both the University and Kingston community, but also as an institution having an excellent national reputation." A seven-man committee has been named to assist Dr. Deutsch in selecting a successor to Mr. Allen.



Prof. Ralph Allen

Centre for Continuing Education will be memorial to Donald Gordon

The Board of Trustees has accepted a proposal by the friends of the late Donald Gordon that they raise \$400,000 to cover the development of Roselawn, a Union Street estate acquired last year by Queen's (see Queen's Review, May-June 1972), as a centre for continuing education. The project is now called "The Donald Gordon Centre for Continuing Education."

The estate will be developed as a residential conference and continuing education facility, and will be operated as a general University project under a director who will be a member of Queen's staff. It is

expected to be self-supporting once the initial costs have been met by the friends of Donald Gordon.

The proposal to name the centre after the former financier, railway president and Queen's Trustee struck the Board as especially appropriate. Donald Gordon came to Canada as a poor boy without formal schooling, acquired his education largely through night school and correspondence courses, and made a distinguished contribution to his adopted country. He was one of the best known graduates of the Queen's University School of Banking.

Job Bank netted \$233,000 in jobs

Job Bank, a service set up to find summer jobs for students from Queen's and other Kingston schools, closed its second season at the end of July.

A total of 671 employers offered 942 jobs—almost double last year's figures. Many of them were jobs of a week or less, but 110 were parttime and 259 lasted all summer. Private citizens constituted the majority of the "employers," but 180 businesses called on Job Bank—thanks partly to free radio and newspaper publicity.

Student Loan defaults climb to \$6.5 million

Finance Minister John Turner has reported that students have defaulted on \$6.5 million in Canada Student Loans in the past two years, and the rate of defaults is increasing. In 1970-71, there were 3,300 individual loan defaults amounting to \$5 million.

He pointed out, however, that the defaults in this period represent only 1.5 percent of the \$480 million which has been loaned. About \$630,000 has been recovered through a collection agency which charges a 20 percent fee.

There were more than 1,000 applicants, 800 of them Queen's students, but still there were jobs left unfilled because of students' reluctance to work as babysitters and mothers' helpers, particularly outside Ontario.

Student income attributable to Job Bank contacts was just over \$233,000.

Job Bank is co-ordinated by two students and is financed by the University, the Arts and Engineering societies, and the Ontario Government (Youth in Action).

Status of women

A committee appointed by the Principal is reviewing the status of women at Queen's in their roles as members of faculty, administrative and academic support staff, and students.

The committee will make whatever recommendations it deems necessary and appropriate to ensure that all women members of the University community receive equitable and non-discriminatory treatment in every aspect of the University's operations. Two male members of faculty were appointed to the eight-member committee.

Accountants salute a passing era at Queen's

Because of changes in educational methodology and the coming university degree entrance standard, the Institute of Chartered Accountants of Ontario has assumed the administration of its correspondence program, which Queen's had handled for 50 years.

Check Mark, the Institute's monthly publication, paid tribute to Queen's in its April issue, saying that "at times the course was used in every province in Canada. Its success was due to the diligent efforts of many Queen's staff members. . .On behalf of the thousands of Canadian chartered accountants, let us express a sincere 'thank you'."

The accounting program began in January 1922 with an enrolment of 281. In 1964, when enrolment was at its peak, there were 2,500 registered from Ontario alone. Queen's names which have been connected with the CA courses include Dr. W.A. Mackintosh, Professors R.G.H. Smails and C.E. Walker, W.J. "Bill" Leonard, and Prof. Edgar "Ben" Benson, who became Canada's Minister of Finance.

Budget \$36.5 million

The operating budget proposed for 1972-73 requires \$36.5 million and indicates a slight shift in the major sources of funds. Estimates show that student fees will constitute 17.3 percent of the budget (15.8 percent last year) and that government grants will account for 80.1 percent of funds (82 percent). Endowment, gifts and other miscellaneous income make up the rest.

FOOTBALL

Queen's 33 — Carleton 0 Queen's 16 — Ottawa 13 Toronto 46 — Queen's 18

Full details of the football season will be included in the November-December issue.

City records to Queen's Archives

In response to a request from City Hall for assistance, the University Archives have undertaken to preserve records of the City of Kingston that are more than 30 years old.

Apart from city bylaws and minutes of council meetings, all records created before 1942 have been moved to the Douglas Library where they are being arranged and described for use by researchers and the general public.

Acting Queen's archivist Ian Wilson, who has been appointed archivist for the City, says that "Kingston has been fortunate in that its records have not been destroyed through carelessness or fire. The collection is impressive in both its completeness and detail. Virtually every petition to Council, tender, invoice, job application and committee report has been saved."

Though much cleaning and sorting remains to be done, the collection is already being used for research projects in history, urban geography and economics.

Campus radio cited for 'overall excellence'

Radio station CFRC received a number of awards for broadcasting excellence in the first Ontario Campus Radio awards competition, sponsored by Mohawk College of Hamilton. CFRC and CFRC-FM won top honours for "overall broadcasting excellence". Another firstplace award for "technical excellence" went to station manager Andrew Marshall for his stereo program of a concert by violinist Otto Armin and pianist Sophie Bristow. Student broadcaster Steve Cutway ook second place in the "D.J." category, and Margo Street of the station's permanent staff was cited or excellence for her interviews on 'Features," a Sunday afternoon rogram.

USSR will exchange faculty, texts, etc.

Canada and the Soviet Union signed an agreement in Moscow on June 9 to set up an exchange program of faculty and students from both countries. The provisions of the agreement call for such exchanges as five professors a year on shortterm visits; two professors for terms of one semester to one year; ten graduate students and young postdoctoral scholars from each side; three specialists in language, literature and linguistics on exchanges of from one semester to one year with up to 10 persons from each side to study languages in summer courses: and up to five professors or instructors a year for two-week familiarization tours.

Apart from languages, the emphasis in the exchange will be on pure and applied sciences, humanities and social sciences.

The agreement also provides for an exchange of texts and other teaching materials and for a study of mutual recognition of degrees, diplomas and certificates.

Dean's group surveys engineering manpower

Dr. Robert J. Uffen, Dean of the Faculty of Applied Science, has been appointed the first chairman of the Canadian Engineering Manpower Council of the Canadian Council of Professional Engineers. The Council will initiate and conduct surveys to develop planning about engineering and technical manpower in this country.

Two gifts total \$55,000

The Board of Trustees has announced receipt of a further \$55,000 in bequests and grants. A grant of \$5,000 came from the H.G. Bertram Foundation, and \$50,000 was received from the estate of mining developer Carl Reinhardt, who died in 1962. Queen's received \$90,000 last year from the same estate.

Notes on the faculty – appointments, honours, and resignations

Dr. Richard I. Ruggles has been appointed Acting Head of the Department of Geography, September 1, 1972 - June 30, 1973. He founded the department and headed it from 1960 to 1969. . . Prof. Jean Burton is new Head of the Occupational Therapy program in the School of Rehabilitation Therapy. Her term is for four years. Mrs. Burton has been with the School since its inception in 1967 and is a specialist in psychiatric applications of occupational therapy. . . Dr. A.T. Stewart, Head of the Physics Department, has been elected president of the 1,600-member Canadian Association of Physicists. He was previously elected a Fellow of the Royal Society of Canada and a Fellow of the American Physical Society. . . Dr. J.M. Stedmond, Head of the Department of English, was elected president of the Humanities Association of Canada, 1972-73. He succeeds Dr. J.P. Matthews of the same department. Dr. Stedmond was also elected chairman of the Humanities Research Council. . . Dr. Michael Levison, a graduate of University College, London, and a specialist on the application of computers to linguistic problems, is new Acting Head of the Department of Computing and Information Science. . . Dr. P.H. Platenius of the Psychology Department has been named to succeed Dr. A.P. Fell as Associate Dean (Studies) in the Faculty of Arts and Science. . . Dr. J.R. McCorriston has given notice that he will retire as Head of the Department of Surgery next June 30. A search committee under Dean Douglas Waugh is trying to select a successor. Besides the Principal and nine faculty members, the committee includes the executive director of Kingston General Hospital and outside advisors from McMaster University and Western.

ATTENTION, GRADUATES

NOMINATIONS, PLEASE

The effectiveness of the Board of Trustees and of University Council is largely dependant upon the quality of their membership. The Constitution of the University gives you the right to select candidates for election to these bodies. Guidelines for nomination were included in the July/August issue of the Queen's Review, and the procedure for making nominations is outlined below.

NOMINATIONS for ELECTION to the BOARD OF TRUSTEES by GRADUATES

Graduates of the University (except those who are elected members of the University Council from whom nominations are solicited as stated below) may nominate two candidates for election to the Board of Trustees to succeed S.R. Blair, B.Sc., Calgary, Alta., and Miss Evelina Thompson, B.A., B.Ed., Toronto, Ont., whose terms expire on April 20, 1973.

Mr. Blair and Miss Thompson are eligible for re-election. No other members of the Board

should be nominated and no members of the University staff are eligible.

Candidates must be nominated by five or more electors in order to qualify. Nominations must be in writing, signed, and received by the Secretary of the University on or before December 31, 1972. The Trustees elected will serve until 1976.

NOMINATIONS for ELECTIONS to the BOARD OF TRUSTEES by BENEFACTORS

Benefactors who have contributed \$100 or more to the University may nominate two candidates for election to the Board of Trustees as follows: (a) under the Act of 1912 (General)—one Trustee to serve until April 20, 1977, in succession to W.W. Muir, B.A., Ottawa, Ont. Mr. Muir is eligible, but does not wish to be nominated for re-election (b) Under the Act of 1916, providing for the representation of the "School of Mining" (Special Science)—one Trustee to serve until April 20, 1976, in succession to W.V. Moore, B.Com., Toronto, Ont. Mr. Moore is eligible for re-election.

No other member of the Board should be nominated, and no member of the University staff

is eligible. Candidates must be nominated by five or more electors in order to qualify.

Nominations must be written, signed, and received by the Secretary of the University on or before December 31, 1972.

NOMINATIONS for ELECTION to the UNIVERSITY COUNCIL by the GRADUATES

Graduates of the University may nominate 16 candidates for election to the University Council to succeed the following members whose terms expire in 1973: J.A. Armstrong, B.Sc., Willowdale, Ont.; Mrs. C.W. Baugh, B.A., M.A., Orillia, Ont.; D.C. Bews, M.D., C.M., Montreal, Que.; J.C. Crosbie, B.A., LL.B., St. John's, Nfld.; Mrs. R.N. Dobson, B.A., Burlington, Ont.; B.L. Farrand, B.Sc., Willowdale, Ont.; J.P. Insley, Willowdale, Ont.; G.E. Perrin, B.A., Ottawa, Ont.; G.R. Post, B.A., M.A., Ph.D., Ottawa, Ont.; F.L. LaQue, B.Sc., LL.D., Verona, N.J.; Mrs. J.G. MacGregor, B.A., Clarkson, Ont.; J.L. Murray, B.A., B.Paed., Kingston, Ont.; Ian MacF. Rogers, Q.C., B.A., Toronto, Ont.; Mrs. W.A. Rogers, B.A., B.Com., Beaconsfield, Que.; G.O. Toller, B.A., Ottawa, Ont.; Miss Mary E. White, B.A., M.A., Toronto, Ont.

Candidates must be graduates of Queen's and must receive five or more separate nominations in order to qualify. Nominations must be in writing (permission must be obtained from the nominee to allow his or her name to appear on the ballot paper), signed, and received by the Secretary of the University Council, on or before December 15, 1972. The members

elected will serve until March 31, 1979.

At the Branches

Rockin' at the R.C.Y.C.

A good crowd was on hand for the annual Toronto Branch Spring Dance, held June 16 at the Royal Canadian Yacht Club on Toronto Island. Music was provided by the rock group *Atlantis*, who knocked down a few pictures and in the process gave some of Toronto's middle-aged alumni a taste of modern music.

The Art Snider Orchestra filled in between sets, and there was plenty of music for all styles of dancing. To cap such a rousing evening, the dance committee reports that there was even a small profit made.

New Executive in London

At the spring meeting of the London Alumnae, Mrs. D.H. Gordon was elected president, succeeding Mrs. P.D. Shaw. Secretary-treasurer is Mrs. J.E. Molineux and vice-president is Mrs. D. Getty.

Special guests at the meeting were



Executive and guests in London: l. to r., Mrs. P.D. Shaw, Mrs. J.E. Molineux, Irwin Chrisjohn, Mrs. D.H. Gordon and Mrs. Chrisjohn.

Mr. and Mrs. Irwin Chrisjohn, who presented an exhibition and discussion of the arts and crafts of North American Indians.

Cool Canadian Air in N.Y.

Richard F. Creighton of the New York alumni reports a successful Hammett Picnic this summer, with ten to 15 more people turning up to enjoy the Hammett estate outing. The increase was in spite of "the cool Canadian air that almost destroyed us all," he says. It was 45 degrees.

Status of Women in Ottawa

The Ottawa Branch of the Alumnae held a successful buffet dinner early in June at the home of Mrs. K.B. Parkinson, near Kanata. Mrs. Freda Paltiel, B.A.'45, Co-ordinator, Status of Women, Privy Council Office, was the guest speaker. She compared the status of women in Canada with that existing in various other countries, spoke of some of the ways in which mothers who work outside their homes could be assisted, and outlined new opportunities that are opening up for women qualified to assume responsible positions. About 80 graduates and friends, from a good cross sections of age groups, enjoyed this pleasant event.

Plans were made for a Fall Coffee Party, scheduled for October 14.

Back to Banff

For news of this year's ski excursion for alumni and their families, please see article on page 157.

GOLDER WORDS

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Kevin Van Koughnett,
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Clark Hall,
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Kingston, Ont.

SCIENCE '23

The permanent executive of Science '23 has started to make plans for their year's 50th reunion, which is scheduled to take place in October 1973. Information will be mailed to the members in the near future.

HI-LITES 1972-73

Queen's University Alumni Association

OTTAWA BRANCH

COUNTRY SUPPER

Saturday, October 28
Richmond Community Centre

ANNUAL DINNER

Friday, January 19

SUPPER & ANNUAL MEETING

Friday, April 27

Alumnae Annual Dinner and Annual Meeting
May 1973

Ottawa Alumni should watch the mail for details of these and other events.

Names in the News

Births

Beard—To David W. Beard, Arts '67, and Mrs. Beard (Sheila Donaldson), Arts '67, Ottawa, Ont., June 30, a daughter (Allison Margaret), sister for Jeffrey. Mr. and Mrs. Beard reside at 79 Meadowbank Dr., Ottawa, Ont. K2G 0P4.

Bezanson—To Keith Bezanson and Mrs. Bezanson (Alice Mutrie), Arts '65, Guelph, Ont., July 12, a daughter (Kathryn Jane).

Chown—To John B. Chown, Com. '67, Law '67, and Mrs. Chown (Jane Baldwin), Arts '67, Hamilton, Ont., June 21, a son (Michael Alfred). Mr. and Mrs. Chown are residing at 20 Price Ave., Hamilton 32, Ont.

Clague—To Michael Clague and Mrs. Clague (Barbara Stevenson), Arts '62, Vancouver, B.C., December 24, 1971, a daughter (Lindsay Anne), sister for Ellen. Mr. and Mrs. Clague reside at 2862 West 38th Ave., Vancouver 13, B.C.

Cormode—To Bill Cormode and Mrs. Cormode (Fran McGillis), Arts '62, Peterborough, Ont., April 27, a daughter (Robin Elizabeth).

Crossfield—To Rev. Gordon Crossfield, Arts '68, Theol. '72, and Mrs. Crossfield, Belleville, Ont., July 1, a son (Gordon Aaron).

Crothers—To George Crothers and Mrs. Crothers (Mary Archibald), Arts '68, Toronto, Ont., July 20, a son (George Francis).

Crowe—To Harry Crowe and Mrs. Crowe (Jackie McDonald), Arts '63, Ottawa, Ont., April 25, a son (Bradley McDonald), brother for Erin.

Curtis—To John M. Curtis and Mrs. Curtis (Anne Pepall), Arts '64, Ottawa, Ont., July 18, a daughter (Devon Elizabeth Anne), sister for Catherine. Mr. and Mrs. Curtis reside at 112 Lisgar Rd., Ottawa, Ont. K1M 0E6.

Dodd—To David Allan Dodd, Sc. '60, and Mrs. Dodd (Diane Hodgston), Arts '68, Ottawa, Ont., June 14, a daughter (Theresa Diane), sister for Mary Lynn, Michael and Brian.

Farooq—To Ghazi M. Farooq and Mrs. Farooq (Janet Wykes), Arts '66 (Ph.D., Pennsylvania), New Haven, Conn., June 22, a son (Navaid Ghazi). Mr. and Mrs. Farooq reside at 119 Blake St., New Haven, Conn. 06511.

Flynn—To John C. Flynn, Sc. '68, M.Sc. '72, and Mrs. Flynn (Julie Clarke), Arts '69, Kingston, Ont., April 29, a son (Michael John), brother for David.

Guise—To Kenneth Guise, Sc. '66, and Mrs. Guise (Barbara Lindsey), N.Sc. '66, Etobicoke, Ont., August 15, a son (Paul Edward), sister for Catherine Elizabeth.

Hill—To Dr. Richard W. Hill and Mrs. Hill (Susan Douglas), B.Sc. (Arts) '63 (Ph.D., Michigan), May 19, a son (David Keith Douglas). Dr. and Mrs. Hill reside at 1415 Glenhaven, East Lansing, Mich. 48823.

Irvine—To Russell J. Irvine and Mrs. Irvine (Sherry Howland), Arts, P.H.E. '67, Toronto, Ont., June 24, a daughter (Heather Lynn).

Jenkins—To Kenneth Jenkins, Arts '63, and Mrs. Jenkins, Brampton, Ont., May 7, a son (Deriek), brother for John.

Krawchuk—To Ted Krawchuk (B.Sc., Toronto), and Mrs. Krawchuk (Lorna Hilder), Arts '64, Toronto, Ont., August 10, a daughter (Margaret Annabelle), sister for Carolyn Mary.

Kronberg—To Dr. Philipp P. Kronberg, Sc. '61, M.Sc. '63 (Ph.D., Manchester), and Mrs. Kronberg (Roberta Purdon), Arts '61, Toronto, Ont., June 27, a son (Martin Thomas), brother for Paul.

Mark—To John R. Mark, M.Sc. '69 (B.Eng., Carleton), and Mrs. Mark, Toronto, Ont., April 19, a son (Matthew Bryan), brother for Jennifer Erin. Mr. and Mrs. Mark live at 82 Apache Trail, Willowdale, Ont.

McLaine—To Dr. Peter N. McLaine, Med. '62, and Mrs. McLaine, Ottawa, Ont., August 8, a son.

Patterson—To Alfred J. Patterson (R.I.A.), and Mrs. Patterson (Gwen Paice), Arts '65, Brampton, Ont., January 7, a daughter (Nicole Suzanne).

Petrie—To John Petrie, Sc. '64 (M.B.A., McMaster), and Mrs. Petrie (Joanne Fraba), Arts '64, Montreal, Que., February 20, a son (Ian Christopher), brother for Lee Kathryn.

Pritchard—To Robert J. Pritchard, Sc. '64 (M.Sc., Birmingham), and Mrs. Pritchard, Ottawa, Ont., a chosen daughter (Elisabeth Margret), sister for Billy and Andrew.

Reifel—To Conrad W. Reifel, M.Sc. (Arts) '69 (B.Sc., Victoria), and Mrs. Reifel, Kingston, Ont., April 12, a son (Edward Martin), brother for Anne.

Smyth—To Robert P. Smyth, C.G.A., and Mrs. Smyth (Jane Maxwell), Arts, P.H.E. '67, Ottawa, Ont., July 31, a son (Patrick John), brother for Tanya. Mr. and Mrs. Smyth reside at 606 Glenhurst Cresc., Ottawa, Ont.

Soos—To Steven M. Soos (B.Sc., Ottawa), and Mrs. Soos (Barbara Tuck), Arts '66, P.H.E. '67, Ottawa, Ont., February 20, a daughter (Patricia Emily).

Stephenson—To Jim Stephenson, Sc. '60, and Mrs. Stephenson (Mary Somerset), Arts '62, Walnut Creek, Calif., April 13, a son (Michael John), brother for Kim, Geoff and Karen. Mr. and Mrs. Stephenson reside at 687 Persimmon Rd., Walnut Creek, Calif. 94598.

Tapp—To Bill Tapp (B.A., Toronto), and Mrs. Tapp (Elizabeth Cass), Arts '68, Peterborough, Ont., June 7, a son (Greg Cass), brother for Jennifer.

Vandertol—To Andrew Vandertol, Sc. '67 (M.A.Sc., Waterloo), and Mrs. Vandertol, Ottawa, Ont., February 2, a daughter (Kelly Leanne).

Waring—To Dr. Ted Waring, Med. '69, and Mrs. Waring (Sue Stephen), Arts '62, Toronto, Ont., June 17, a daughter (Jennifer Alexandra), sister for John and Winona. Dr. and Mrs. Waring are living at 83 Dovercourt Rd., London S.E. 22, England.

Weinstein—To Dr. Lionel Weinstein, Med. '64, and Mrs. Weinstein, Toronto, Ont., November 11, 1971, a son (Seth Philip), brother for Michael.

Wellwood—To Capt. C.R. Wellwood and Mrs. Wellwood (Elizabeth Caughey), Arts '67, Baden, Germany, March 13, a chosen daughter (Jennifer Jane). Captain and Mrs. Wellwood are residing in Calgary, Alta.

Wright—To Dr. Wayne J. Wright (B.Sc., M.D., F.R.C.S.(C), Alberta), and Mrs. Wright (Marjorie G. Cheredaryk), N.Sc. '65, Bathurst, N.B., July 10, a son (Wayne Cameron).

Marriages

Andersen—On April 1, Hilary Ann Jennings, Grenada, W.I., to Peter Ross Andersen, Arts '68. Mr. and Mrs. Andersen live at 22 Close Ave., Apt. 1008, Toronto 156, Ont.

Anderson—On July 15, in Hart House Chapel, University of Toronto, Nancy Anne Anderson, Arts '69 (M.A., Dalhousie), to Allan Dickson Megill (M.A., Toronto). Mr. and Mrs. Megill reside at St. Steven's Court, Apt. 201B, Islington 675, Ont.

Bannerman—On June 24, in St. Andrew's Presbyterian Church, Trenton, Ont., Barbara Jane Broatch to Ronald Park Bannerman, Arts '68 (M.B.A., Toronto). A member of the wedding party was Norman Peter Bengough, Arts '68. Mr. and Mrs. Bannerman are residing in Ottawa.

Bos-Bradford—In Toronto, Ont., June 30, Nancy Jean Bradford, Arts '70, to Carlo Bos, Arts '70, Med. '74. Included in the wedding party were Lea Laverty, Arts '70, Gail McKinnon, Arts '70, Mrs. James McKeen (Caroline Little), Arts '70, Ed. '71, Nick Slawson, Com. '71, Andy Pipe, Arts '71, Med. '74, and Bill Hamlin, Arts '70. Carlo and Nancy are residing at 99 Earl St., Kingston, Ont.

Cass—On June 10, at Houghton Bay, Portland-on-the-Rideau, Ont., Christie Ann Crain to Brian Edgar Cass, Law '70 (B.A., Toronto, B.P.H.E., McMaster). Mrs. Keith R. Halpenny (Suzanne Crain), Arts '59, was matron of honour. Mr. and Mrs. Cass are residing in Markham, Ont.

Caughey—On May 27, in St. Mary's Anglican Church, Hitchin, Buckinghamshire, England, Alison Jane Gibbs to William Gordon Caughey, Med. '67. Dr. and Mrs. Caughey reside at 226 Mountain Park Ave., Hamilton, Ont.

Deacon-Knox—In Toronto, Ont., July 1, Beverley Joyce Knox, Arts '72, to Charles Joseph Deacon, Com. '72. Mr. and Mrs. Deacon live in Oshawa, Ont.

Docksteader On June 10, at Winchester United Church, Winchester, Ont., Pamela Mary Anderson to Dr. Brian Docksteader, Med. '72. Dr. and Mrs. Docksteader are residing in Kingston, Ont.

Edwards-Smith—In Toronto, Ont., May 6, Joanne Smith, Arts '70 (Dip. C.S., Toronto), to Patrick Edwards, Com. '68 (M.B.A., Wisconsin), C.A., son of H.J. Edwards, Sc. '24. The wedding party included Mrs. Thomas Herron (Ellen Edwards), B.Sc. (Arts) '64, (M.A., Columbia), Ken Wilson, Sc. '68 (Ph.D., Alberta), and Ron Buttery, Com. '68 (M.B.A., Cornell). Mr. and Mrs. Edwards

are residing at 95 Melrose Ave., Toronto 320, Ont.

Elliott-Bailey—At Morgan Memorial Chapel, Queen's University, June 30, Janet Lillian Bailey, B.Sc. (Arts) '72, to Bruce Edgar Elliott, B.Sc. (Arts) '70. Mr. and Mrs. Elliott reside at Apt. 605, 346 Brock St., Kingston, Ont. K7L 1T2.

Kelly—In Ottawa, Ont., June 30, Sheila Dianne Kelly, Arts '70, to Dean Stanley Hallauer (Ph.D., Washington). Dr. and Mrs. Hallauer are residing at 951 Elmwood Terrace, Apt. B, Rochester, N.Y.

Lambert—In Pointe Claire, Que., December 4, 1971, Margaret (Sam) A. Lambert, Arts '70, to Paul K. Tamaki (B.Eng., McGill). Included in the wedding party were Nancy Paul, Arts '70, and Bill Lambert, Arts '74. Mr. and Mrs. Tamaki live at 19 Lascelles Blvd., Apt. 1610, Toronto, Ont.

Lawlor—In St. Andrew's Presbyterian Church, Kingston, Ont., May 27, Deborah Shirley Hackett to John Elmo Lawlor, Com. '72. Mr. and Mrs. Lawlor are residing in Toronto, Ont.

Luck—At Pineledge Inn, Kingston, Ont., February 19, Jacqueline Merrily (Judy) Luck, Arts '64, to Lawrence Edward Veysey. Included in the wedding party were Angy Veysey, Arts '75, and James Avis, Arts '72. Mr. and Mrs. Veysey reside at Cartwright's Point, Kingston, Ont.

Magnusson—In Kingston, Ont., Wendy Elizabeth Johnson to Denis Norman Magnusson, Law '68 (B.Com., Manitoba, LL.M., Ann Arbor). Mr. Magnusson is an assistant professor in Queen's Faculty of Law.

McMillan—In Halifax, N.S., July 1, Margaret Jane Muggah to Arvo A. McMillan, M.A. '65 (B.A., Dalhousie, M. Town Planning, U.B.C.). Mr. and Mrs. McMillan are residing in Sydney, N.S., where he is director of the Cape Breton Planning Commission.

McNeil—In West Vancouver, B.C., June 28, Barbara Joan Kinninmont to John Alexander McNeil, Arts '63 (LL.B., Toronto, M.B.A., U.B.C.).

Remmer-Beck—On August 28, 1971, in Ottawa, Ont., Penelope M.B. Beck, Arts '71, Ed. '72, to William G. Remmer, Sc. '72. Mr. and Mrs. Remmer are residing in Toronto, Ont.

Ross-Campbell—In Toronto, Ont., May 29, Dona L. Campbell, Arts '71, to Dr. John R. Ross, Med. '72. Dr. and Mrs. Ross are residing in Toronto.

Saunders—In St. Mary's Cathedral, Kingston, Ont., July 22, Charlotte Mary Lauretta Saunders, Arts '71, daughter of G.O. Saunders, Sc. '40, and Mrs. Saunders (Pauline Martin), Arts '33, to Brian G. Ternoway (Toronto).

Simmons-Hollingsworth—On June 23, in St. Luke's Anglican Church, Ottawa, Ont., Lois Mary Hollingsworth, Arts '71, Ed. '72, to William Robert Simmons, Sc. '71. Mr. Simmons will continue his studies for an M.B.A. at Queen's.

Smith—On June 17, in First Presbyterian Church, Chatham, Ont., Amelia Mary Smith, Arts '62 (B.L.S., Toronto), to John Stewart Farquharson, Q.C. The bride's parents are E. Russell Smith, Arts '24, Com. '25, M.A. '26, and Mrs. Smith (Jean Gray), Com. '29, and her brother is Walker McKay Smith, Com. '58, Law '62. Mr. and Mrs. Farquharson will reside at 64 Cheltenham Ave., Toronto, Ont.

Tooke-Gray—On June 10, in Glebe United Church, Ottawa, Ont., Dorothy Anne "Dorry" Gray, Arts '70, Dip. P.T. '71, to Dr. S. Michael T. Tooke, Med. '72. Dr. Tooke will continue his medical studies in Toronto General Hospital and Mrs. Tooke is a physiotherapist at Toronto Crippled Children's Centre.

Tyrrell-Connell—On July 15, in Prescott, Ont., Mary Jane Connell, Arts '71, to David George Tyrrell, Sc. '71, son of Bruce Wilkins Tyrrell, Sc. '43 and Mrs. Tyrrell (Carol Macnamara), Arts '46. Included in the wedding party were Kathryn Connell, Arts '74, Mary Malcolm, Arts '73, and John Donelan, Sc. '70.

Weiler—On August 12, in Winnipeg, Man., Leslie Jane Simpson (B.A., Manitoba), to Capt. Gerald J. Weiler, Sc. '70. Captain and Mrs. Weiler reside at 1005 - 700 Setter, Winnipeg, Man.

Deaths

George Edward Carson, B.Com. '25, Kingston, Ont., August 5. Former inspector and director of the income tax office in Kingston, Mr. Carson later established a business consultant firm. Among the survivors are daughters Mrs. J.D. Allin (Marion), Com. '51, Mrs. T.W. Pearce (Nancy), Arts '57, and Mrs. D.J. Fosbrooke (Gail), Arts '59. He was predeceased by two brothers, Dr. O.A. Carson, Sc. '23 (Ph.D., Columbia), and Sir Frederick Carson, Arts '08.

Adrian Anton DeGast, M.Sc. '62 (B.Sc., McGill), Kingston, Ont., August 21; associate professor, Department of Mining, Queen's University.

Dr. William Scotte Elliott, M.D. '30, East Palestine, Ohio, November 7, 1971. A prominent physician and surgeon for 32 years, Dr. Elliott was a director of the First National Bank in East Palestine and in 1969 was elected vice-president, a position he had continued to fill. Among the survivors are his son, W. Scotte Elliott, Jr., Arts '66, and a sister, Mrs. Harold Colter (Gladys), Arts '26.

Ruby May Hilliker, B.A. '26, Parry Sound, Ont., June 22. Latin teacher at North Toronto Collegiate for 30 years, Miss Hilliker retired in 1961. She is survived by two brothers, Clinton H. Hilliker, Sc. '33, and Howard N. Hilliker, Arts '38, and a nephew, Rev. C. Wayne Hilliker, Arts '64, Theol. '66.



Tribute to Mining Teacher

Ontario Premier William Davis paid tribute to O.E. 'Ossie' Walli, B.Sc.'25, during a July tour of Northern Ontario. When the Premier was visiting the Haileybury School of Mines campus, he presented a Scroll of Recognition to Mr. Walli, who was principal of the mining school from 1945 to 1967 and was first president of the tri-campus Northern College of Applied Arts and Technology from 1967 to 1969. He still collects rock samples for the Haileybury campus.

The scroll reads, in part, as follows: "On behalf of the Government of Ontario, I take this opportunity to pay tribute to you for your many years of distinguished service in the field of education. . Your active participation in every facet of community and professional life will remain an inspiration in all our citizens."

Mr. Walli reportedly has returned to the fairways from cloud nine and is playing two hours of golf a day with a 17 handicap.

DEATHS — continued

Albert Kocman, B.Sc. '56, Hamilton, Ont., August 6; engineer, Atlas Steels Limited, Welland, Ont.

Rev. Alver MacKay, Arts '11, Vancouver, B.C., August 5; retired minister.

Henri Martineau, Sc. '17, Quebec, Que., March 14; president and general manager, Martineau Electric Limited, Quebec City.

In Memoriam: John Stewart

In memory of John Cameron Stewart, B.Sc.'69, M.Sc.'71, the administration and staff of the Oshawa-Ontario County District Health Unit have made a contribution to the University's National Scholarship Fund. Mr. Stewart's father, Dr. Cameron C. Stewart, Arts'43, Med.'51, is District Health Officer in Oshawa.

John Stewart died suddenly on March 27 in Delft, Holland, while taking an international one-year course in hydraulics. Besides his father, his survivors include his wife, Rosemary, his mother (Doris Anglin), Arts'43, three brothers and two sisters.

Douglas L. Morrow, Sc. '72, Fort Frances, Ont., in a motor accident, July 5.

Mrs. J.H. Reist (Florence Bailey), B.A. '33, Preston, Ont., July 7. Mrs. Reist was the wife of J.H. Reist, Arts '31, the daughter of W.L. Bailey, Arts '04, and the mother of Margaret Reist, Arts '69.

Dr. George Ernest Shortt, B.A. '18 (B.L.S., McGill, Ph.D., Michigan), Belleville, Ont., July 1. He served as an inspector of penitentiaries in Ottawa and later transferred to the Wartime Prices and Trade Board as an advisor. He was also economic consultant to the Montreal Board of Trade. Dr. Shortt was the son of the late Dr. Adam Shortt, Arts '83, M.A. '85, LL.D. '11, and Mrs. Shortt (Elizabeth Smith), Med. '84.

T. Park Steadman, B.A. '29, M.A. '38, Windsor, Ont., August 14. Retired in 1966 as principal of J.L. Forster Secondary School. He is survived by his wife, the former Marguerite Cooper, Arts '31.

F. Delbert Thomas, B.Sc. '24, Delray Beach, Fla., April 6. Retired works chemist of the Union Carbide Company plant at Sault Ste. Marie, Mich. He is survived by his wife, the former Jessie A. Montgomery, Arts '24.

Alexander Howard Turner, B.Com. '32 (M.Sc., Cornell), Victoria, B.C., July 13. Formerly director-general of economics for the Federal Agriculture Department, Ottawa; since 1963, Deputy Minister, Department of Agriculture, British Columbia.

Thomas Dayman Walter, B.A. '31, Woodstock, Ont., July 5; retired secondary school teacher.

Notes

1910-29

Margaret H. Brown, Arts '12, M.A. '35, retired in 1956 after 44 years of mission work in China and Hong Kong. She has been living in Toronto, Ont., and since August 31 her address is 717 Broadview Ave., Toronto 6, Ont.

Dr. Harold W. Fairbairn, Sc. '29 (M.A., Ph.D., Harvard), became Professor Emeritus of Geology on July 1 after 35 years at Massachusetts Institute of Technology. He is continuing part-time as senior lecturer.

Mrs. G.W. Irwin (Jennie McArthur), 'Arts '21 (B.Paed., Toronto), has been living in North Bay, Ont., since her retirement in 1962 as a Master in North Bay Teachers' College.

K.D. McBean, Sc. '21, Trail, B.C., has been engaged in private consulting practice since his retirement from Consolidated Mining and Smelting Co. He had been assistant chief metallurgist and representative for Cominco



Ottawa Botanist Honoured

Dr. Mildred K. Nobles, Arts'29 (M.A., Ph.D., Toronto), F.R.S.C., has been awarded the George Lawson Medal of the Canadian Botanical Association in recognition of her contribution to Canadian botany.

Dr. Nobles, who was principal mycologist at the Agriculture Canada Plant Research Institute, Ottawa, at the time of her retirement in 1969, was a pioneer in the description of the culture characteristics for a large group of wood decay fungi. Her precise definitions and logical keys are considered the basis for the identification of such fungi in most countries today. Her achievement as a mycologist (specialist in fungi) is unique in forestry, for she laid the foundation for effective management and development of precise inventories for North American forests.

Dr. Nobles joined the Division of Botany at the Central Experimental Farm in Ottawa in 1935, and remained with the department under its various names for 34 years. She now lives in Ottawa at 2062 Knightsbridge Road.

throughout most of Europe, Yugoslavia, South Africa, and the United States.

Sister Agnes Theresa (Mary McGregor), Arts '21, retired from teaching in 1965. She had taught in St. Angela's College, London, Ont., St. Clare's High School, Windsor, Ont., and "The Pines" High School, Chatham, Ont. She is living in the Ursuline Motherhouse in Chatham.

J. Trevor McNeely, Arts '21, lives in Toronto, Ont., at 214 Divadale Drive. He retired in 1966 as an actuary with Manufacturers' Life Insurance Co.

Mrs. G.V. Roney (Kathleen McNamee), Arts '21, lives in Gananoque, Ont.

Dr. Thomas Harry Seldon, Med. '29, was granted an Honorary F.F.A.R.C.S. degree from the Royal College of Surgeons in Ireland on May 19. Dr. Seldon retired from the section of Anesthesiology, Mayo Clinic, in 1970, but he and Mrs. Seldon (Lola Saundercook), Arts '28, continue to reside in Rochester, Minnesota. Dr. Seldon is editor of Anesthesia and Analgesia. . .Current Researches, the official journal of the International Anesthesia Research Society.

Mrs. G.F. Smith (Frances Elma Freeman), Arts '22, lives at Arthur, Ont. Before her retirement she taught in the Arthur High School.

Mrs. E.A. Sully (Vera Ferrier), Arts '21, lives at 72 Bruce St., Renfrew, Ont.

Dr. J.W. Tait, Arts '28, M.A. '29 (Ph.D. Columbia), has retired from the Saskatchewan School Trustees Association and is living at 2515 McTavish st., Regina, Sask.

Helen I. Wilton, Arts '21, retired from teaching high school in 1960. She is living at 91 King St. E., Apt. 807, Kingston, Ont.

Mrs. Kenneth Wood (Vera Shaw), Arts '21, has been living in Kingston, Ont., since the death of her husband in 1966. Her address is Bowling Green II, Apt. 303, 237 Bath Rd.

Mrs. C.F. Young (Mildred Jardine), Arts '21, is living in Montreal, Que. Her address is 3502 Oxford Ave.

1930-39

T.H. Adair, Sc. '31 (M.Sc., McGill), has recently retired from Ontario Research Foundation where he was assistant director, physical metallurgy division, Department of Metallurgy.

Dr. Ronald Burr, Med. '32, Kingston, Ont., has been presented with the city's Honorable Achievement Award. The award is presented to persons deemed to have made a "distinct contribution" to the city. Dr. Burr, who is affiliated with both Kingston General and Hotel Dieu Hospitals, received the award for work done in the field of cancer research.

Donald M. Gallagher, Sc. '39, has been appointed executive vice-president for the plastics, explosives and aerospace divisions of ICI America Inc., a subsidiary of Britain's Imperial Chemistries Ltd. He will be responsible for the resale chemicals activities and certain supporting staff functions, including the purchasing and central engineering department. Headquarters are in Wilmington, Delaware.

Donald McKelvie, Arts '36, president of Northern Telephone Ltd., New Liskeard, Ont., has been elected the first president of Canadian Telecommunications Carriers Association.

K.J. Platt, Sc. '33, M.Sc. '34, senior vicepresident, capital improvements, Campbell Soup Co. Ltd., will administer all Canadian engineering and capital development programs.

Mrs. W.H. Roth (Beryl Linnen), Arts '38, Toronto, Ont., has retired after 31 years of teaching, eight of them in North York schools.

Robert Seright, Sc. '31, Kingston, Ont., retiring head of the science department of Queen Elizabeth Collegiate and Vocational Institute, has been awarded the "Wib" Mayor Award. Frontenac County secondary school teachers selected Mr. Seright as this past year's outstanding member of their branch of the Ontario Secondary School Teachers' Federation.



Arnold J. Noftall, Arts'41, vice-principal of Kenner Collegiate, Peterborough, Ont., retired in June after 40 years of teaching. He and Mrs. Noftall were honoured at a dinner, dance and reception at Rock Haven Hotel on May 26. The evening was sponsored by former graduates and colleagues, of whom more than 200 were present.

R.W. Thompkins, Sc. '33, Professor of Mining Engineering, Queen's University, lectured and presided over a five-day study course on "Mine Radiation," conducted by the Australian Mineral Foundation Incorporated. Prof. Thompkins also delivered a paper in Bucharest, Romania. Before returning home he attended "The International Conference on Dust Hazards," in Bonn, Germany.

Rev. Robert W. Young, Arts '33, Theol. '36, retired assistant minister of Ryerson United Church, Hamilton, Ont., and Mrs. Young (Marguerite Couch), Arts '35, are living at 10 Village Green, Apt. 409, Stoney Creek, Ont.

1940-49

John W. Beaver, Sc. '49, general manager, operations, at Churchill Falls (Labrador) Corp. Ltd., has been appointed a vice-president of the company.

Diana Blake, Arts '46 (B.L.S., McGill), has been appointed head of the newly organized division of information services and collections in the Douglas Library at Queen's. She was formerly an administrative officer.

Prof. C.H.R. Campling, Sc. '44 (M.Sc., M.I.T.), has been reappointed as head of the Department of Electrical Engineering, Faculty of Applied Science, Queen's University.

T.H. Cowtan, Sc. '49, is now senior vicepresident, manufacturing, Building Products of Canada Ltd., in Montreal. Mr. Cowtan resides at 228 Chester Ave., Town of Mount Royal, Que.



C.H.R. Campling



A.D. Milligan

R.J. Kennedy, Sc. '41 (M.S., 10wa), Vice-Principal (Administration), Queen's University, has been appointed to the board of directors of the Technical Service Council, Toronto, Ont.

Dr. W.C. Lougheed, Arts '49, M.A. '50 (Ph.D., Harvard), has been reappointed as Associate Dean (Arts), Queen's University, a position he has held since 1969.

Thomas A. McLaren, Com. '49, has been elected president and a director of General Motors Acceptance Corporation of Canada, Ltd. He joined GMAC in 1949 and has served in a number of management positions, most recently as regional manager with head-quarters in New York.

T.N. McLenaghen, Sc. '47, has been appointed vice-president, operations (newsprint group), covering Canadian newsprint, groundwood specialties, pulp and lumber, including the manufacturing and woodlands operations, Abitibi Paper Co. Ltd.

J.K. Melville, Sc. '48, formerly president and general manager of Huyck Canada Ltd., Arnprior, Ont., is now vice-president and general manager of Huyck Ltd., Whitstable, Kent, England. Mr. Melville will reside at Greenroof, Elmwood Close, Broadstairs, Kent.

A. Dorothy Milligan, Arts '47, was elected president of Quota International at its New York convention in July and becomes the second Canadian to hold the office in the service organization's 53-year history. Miss Milligan's pet project for Quota has been building and furnishing schools in Korea. Next year's funds will swing to training for nurses in developing areas. In November the new president will attend a meeting of international heads of service clubs in Geneva. Miss Milligan, who took her degree in Psychology and who served as warden of Muir House, is presently on loan to the Equal Opportunities for Women division of the Public Service Commission, in Ottawa's Place de Ville.

Lawson W. Orser, Arts '47 (M.Ed., Toronto), former vice-principal of Loyalist Collegiate and Vocational Institute, retired as coordinator of adult and continuing education programs for the Frontenac County Board of Education.

Mrs. K.Z. Paltiel (Freda Leibov), Arts '45 (B.S.W., McGill, M. Public Health, Jerusalem), Ottawa, Ont., is a senior research officer, rehabilitation and chronic disease, research and statistics directorate, Department of National Health and Welfare. Since January 1971 she has been concerned with the Government's response to the Status of Women Report.

S.A. Searle, Jr., Com. '47, Winnipeg, Man., has been appointed president and chief executive officer of Federal Grain Limited.

Donald I. Webb, Arts '43, Com. '46, has been appointed a member of the Toronto Advisory Board of Guaranty Trust Co. of Canada. Mr. Webb is a financial consultant and former chairman of Merrill Lynch, Royal Securities Ltd.



F.J. Wright



R.F. Creighton

W.G. Wegenast, Sc. '47, M.Sc. '55, has joined the staff of Memorial University, St. John's, Nfld., teaching mining as an associate professor in the Faculty of Engineering. He and Mrs. Wegenast (Zib Corlett), Arts '49, and family are living at 61 MacDonald Drive, St. John's.

1950-59

Dr. George J.M. Aitken, Sc. '59, M.Sc. '61, Ph.D. '65, is on sabbatical leave from the Department of Electrical Engineering, Queen's University. Dr. and Mrs. Aitken (Barbara Boyd), Arts '61 (B.L.S., Toronto), may be reached c/o Observatoire de Paris, Section d'Astrophysique, 92 Meudon, France.

Dr. David Barsky, Med. '53, has been associated with the teaching faculty of the Kresge Eye Institute and the Ophthalmology Department of Wayne State University since 1958. A few years ago he established an ophthalmology prize fund at Queen's.

Dr. C.E. Bird, Med. '56 (Ph.D., McGill), Department of Medicine, Queen's University, has received a grant of \$23,000 from the Ontario Cancer and Research Foundation to support research projects.

S. Wayne Calver, Sc. '59, has been appointed principal of Earl Haig Secondary School, Willowdale, Ont. Mr. Calver has served as vice-principal since 1968.

Richard F. Creighton, Com. '50, has been appointed a senior vice-president and member of the board of Norman, Craig & Kummel, Inc., a New York-based advertising and marketing agency. Recently he was appointed to the board of CPM, Inc., a television program company, and D.M. Systems, Inc., a Los Angeles-based cable television company.

F.R. Fowlow, Com. '50 (M.A., Carleton), has been appointed director of the Faculty of Science, Mount Royal College, Calgary, Alta. Mr. Fowlow retired from the Canadian Armed Forces as Commandant of the Canadian Forces School of Management, LaSalle, Que. He will reside at 32 Varbow Place N.W., Calgary.

Dr. Philip Hill, Sc. '53 (M.Sc., Birmingham, Sc.D., M.I.T.), head of the Department of Mechanical Engineering, Queen's University, has been asked to be Commonwealth Visiting Professor at the University of Sheffield during 1973-74. He was nominated by both Sheffield and Cambridge and will spend part of the year at Cambridge.



W.D. Wood



W.C. Lougheed

Mrs. John Kerr (Marion Seymour), N.Sc. '54 (M.N.Sc., McGill), has been appointed assistant professor of Nursing at Queen's University.

Eileen Kouri, Arts '52, has recently been named professeur adjoint in the School of Social Work, Université de Montréal.

Frank A. Lunn, Arts '57 (B.Ed., Toronto), has been appointed principal of Victoria Village Public School, Toronto, Ont. Mr. Lunn was principal of Ancaster Public School and a former vice-principal of Maple Leaf Public School.

John R. MacMillan, Sc. '57, has been appointed marketing manager, pipe protection division, Shaw Pipe Protection, for Canada and the United States. Mr. MacMillan will be responsible for the marketing activities of the coating division's products and services throughout North America and will continue at headquarters in Calgary.

H.G. McNeill, Arts '56 (M.Ed., Toronto), principal of Saranac Public School for the past three years, has been appointed principal of Shaughnessy Public School, Willowdale, Ont.

Ewen B. Morrison, Sc. '59, has been appointed chief engineer, central area, Bell Canada, Ottawa, Ont. Mr. and Mrs. Morrison (Shirley Rogers), Arts '58, are now residing at 1630 Amberdale Cres., Ottawa.

R. Laird O'Brien, Com. '58, has joined McCann-Erickson Advertising of Canada Ltd. as a vice-president and creative director.

T. Clarence Paterson, Arts '51, Willowdale, Ont., has retired after spending 35 years as teacher and principal in several public schools.

Dr. Gordon B. Robinson, Sc. '59 (Ph.D., Cornell), managing director of CanTex Associates Inc., Houston, Texas, recently participated in a ground-breaking ceremony for a \$5,610,000 factory to produce carbon blacks at Medicine Hat, Alta. This is the first of a number of projects planned for Canada in association with a public Canadian oil

Walker McKay Smith, Com. '58, Law '62, is now in legal practice under his own name at Suite 2606, Simpson Tower, 401 Bay St., Toronto. Mr. Smith resides at 27 Woodlawn Ave. E., Toronto, Ont.

Dr. W. Donald Wood, M.A. '52 (B.A., McMaster, Ph.D., Princeton), professor of economics and director of the Industrial Relations Centre at Queen's University, has





H.B. Robins

been appointed by the Ontario cabinet as acting chairman of the Ontario Economic Council.

Dr. F.J. Wright, Med. '57, F.R.C.P. (C.), has been appointed professor and head of the Department of Anaesthesiology at Queen's University for a five-year term. He is also Director of Intensive Care and the Respiratory Unit at K.G.H.

Mrs. S.R. Young (Joan Griffin), Arts '50, Oshawa, Ont., has been awarded a U. of T. Master of Education degree in Curriculum, from the Ontario Institute for Studies in Education.

1960-69

Ron W. Bradley, Sc. '66, has returned from working in Rio de Janeiro and for the next three months can be reached c/o Nova Scotia Power Commission, P.O. Box 2005, Port Hawkesbury, N.S.

Don Carter, Arts '67 (M.L.S., Western), has joined the staff of the National Library of Canada in Ottawa as librarian with the Reference Branch.

Dr. John Edward Clark, Sc. '65, Ph.D. '71, of the Faculty of Engineering at the University of Singapore, represented Principal John J. Deutsch of Queen's at the installation of the Chancellor of the University of Malaya, Kuala Lumpur, Malaysia, on September 29.

Dr. Douglas C.A. Curtis, Arts '65, M.A. '66, assistant professor of Economics at Trent University, Peterborough, Ont., has received his Ph.D. degree from McGill University. Dr. and Mrs. Curtis (Margaret Wilson), Arts '66, reside at 944 Cumberland Ave., Peterborough.

George B. Dawson, Arts '68 (M.Ed., Toronto), has been appointed principal of Yvonne Public School, Downsview, Ont.

Edward S. Franchuck, Arts '65 (M.A., Toronto), will begin work toward a Ph.D. degree in the Department of Drama at the University of Glasgow and will reside at Queen Margaret Hall, Bellshaugh Rd., Kirklee, Glasgow G12 0SQ, Scotland. For the past four years Mr. Franchuk has taught in the Department of English at Collège Militaire Royal, Saint-Jean, Que.

John F. Futa, Arts '64 (B.P.H.E., McMaster, M.Ed., Toronto), head of the Physical and Health Education Department at Sir Sandford Fleming Secondary School, has been appointed vice-principal of Westview Centennial Secondary School, Downsview, Ont.

Peter S. Greathead, Arts '69, has received a Master of Education degree from the University of Toronto. Mr. Greathead resides at 972 Curtis Cresc., Cobourg, Ont.

Kenneth Jenkins, Arts '63, has accepted a position as systems development manager, computer services, with the Manitoba division of International Nickel Co. of Canada Ltd. Mr. and Mrs. Jenkins will reside at 16 Assiniboine Pl., Thompson, Man.

N.R.D. Kellar, Arts '68, vice-principal of Tumpane Public School, has been appointed vice-principal of Kenton Public School, Willowdale, Ont.

Brian R. Kelly, Arts '68, principal of St. Ann's School in Niagara Falls, Ont., has received a Master's degree in Educational Administration from the University of Toronto. Mr. Kelly resides at 570 Daytona Dr., Fort Erie, Ont.

Prof. Lionel H. Lawrence, Arts '62 (M.A., Illinois), has been appointed chairman of the Department of Theatre at Dalhousie University, Halifax, N.S.

Alan C. Machin, Sc. '60, has been appointed vice-president and general manager of the Steetley Minerals Group, Steetley of Canada (Holdings) Ltd.

Malcolm J. McFarland, Arts '68, Law '70, Picton, Ont., has been appointed solicitor for the County of Prince Edward.

J.D. McKee, Arts '68, has been appointed vice-principal of Flemington Public School, Willowdale, Ont.

J.K. McNaughton, Arts '68 (M.Ed., Toronto), a teacher for the past nine years, has been appointed principal of Anthony Public School, Willowdale, Ont.

Dr. Timothy MacL. Murray, Med. '62, F.R.C.P., has been appointed assistant professor in the Department of Medicine, University of Toronto. Formerly an endocrinologist at St. Michael's Hospital, Dr. Murray has recently been awarded a scholarship by the Medical Research Council of Canada. Dr. and Mrs. Murray (Joan Harman), Arts '62, reside at 90 Castle Knock Rd., Toronto 12, Ont.

Major Brian O'Brien, B.Sc. (Arts) '63, Med. '70, has been appointed base surgeon at Canadian Forces Base Comox, Lazo, B.C.

Mrs. R.J.D. Parker (Janet McIntosh), Arts '68, Ed. '69, a teacher at Polson Park Public School, Kingston, has been awarded a \$2,000 scholarship to aid her in working toward a Master of Education degree at the Ontario Institute for Studies in Education.

Mrs. R.B. Roberts (Kathryn Cunningham), N.Sc. '66, has been made a Fellow of the College of Nursing of Australia. Mr. and Mrs. Roberts may be reached c/o National Standards Laboratories, C.S.I.R.O., Chippendale, N.S.W. 2008, Australia.

H. Barry Robins, Sc. '64, formerly national sales manager, International Chemical Corporation, a subsidiary of ICC Industries, Inc., New York, has been named vice-president, marketing. Mr. and Mrs. Robins are

residing at 80 Linden Court, New York, N.Y.

Elizabeth J. Robinson, B.Sc. (Arts) '68, has received her M.D. degree from McGill and is presently interning at the Montreal Children's Hospital.

R.F. Don Royal, Sc. '65, has been appointed technical director of Columbia Cellulose's kraft pulp mill operation at Prince Rupert, B.C. Mr. and Mrs. Royal are residing at 1619 Jamaica Ave.

R. Scott Sager, Sc. '69, has been awarded an M.B.A. from York University.

John D. Southwell, Arts '66 (M.B.A., York), has been appointed a product manager of Johnson Wax for S.C. Johnson and Son, Ltd.

BACK TO BANFF!

The Alumni Association's "Ski Banff" week last winter was so successful that a "Back to Banff" charter holiday is being offered for February 17-24, 1973.

Banff was chosen over other ski areas for several reasons:

- Excellent accommodation and food.
- A great range of facilities for après-ski fun.
- The variety of ski runs readily accessible from Banff—Mt. Norquay, Sunshine Village, and Lake Louise.
- Choice of skiing conditions to suit all skiers, from the beginner to the most advanced.

Alumni Field Secretary Murray Gill is working out a holiday package that will include transportation, accommodation, man-sized breakfasts and lift tickets. This new deal will allow alumni to fly from Montreal, Ottawa, or Toronto for the same bargain rate.

All Queen's graduates and members of their families are eligible and welcome.

Details of cost, departure times, deposits, etc. are still being worked out and will be announced in the November-December issue of the Review. Meanwhile, those interested may address enquiries or requests for reservations to Ski Banff, Alumnio Office, Queen's University, Kingston, Ont.

J.S. Stephen, Arts '66, vice-principal of Peckham Public School, has been appointed principal of Roding Public School, Willowdale, Ont.

Charles T. Stone, Arts '62, has been appointed First Secretary at the Embassy in The Netherlands. Mr. Stone may be reached c/o Parkweg 32, Scheveningen, The Netherlands.

John C. Whyte, Arts '62, co-ordinator of audio-visual aids and educational television for the Stormont, Dundas and Glengarry Counties Board of Education, has been appointed to the Ontario Educational Communications Authority's Eastern Ontario regional council. The 15-member council advises OECA on the development of educational television and other educational technology in Eastern Ontario.

1970-72

Richard W. Connelly, Sc. '70, has taken a position as Ottawa office manager and director of M.H. Kilpatrick Associates Ltd., Community Planners and Consulting Engineers, a Toronto-based firm. Mr. Connelly may be reached at 1735 Courtwood Cresc., Ottawa, Ont.

Donald H. Hadley, Sc. '71, is now residing at 42 Fitzroy St., St. Kilda, Victoria, Australia 3182. Mr. Hadley is employed by Mobil Oil in Melbourne.

Murray Gordon Hall, Arts '70, M.A. '72, is residing in Austria for the next two years while studying towards his Ph.D. degree under Dr. Werner Welzig at the University of Vienna.

Stephen Hill, Ed. '72 (B.A., Carleton) has accepted a teaching position on the staff of St. Pius X High School, Ottawa, Ont.

Dr. John Edward Kindle, Med. '72, and Mrs. Kindle (Gitta Kwik), Med. '72, are interning at Victoria Hospital, London, Ont.

Douglas Prichard, Sc. '70, president of the Graduate Student Society at Queen's and a Ph.D. student in chemical engineering, has been appointed to the Ontario government's Committee on University Affairs.

J.D. Pue-Gilchrist, Sc. '71, has been awarded a Federal Ministry of Transport Fellowship for study in fields relating to transportation. Mr. Pue-Gilchrist will receive \$3,600 for studies at the Master's level.

Brian D. Reid, M.B.A. '71 (B.Eng., R.M.C.), has been promoted to branch manager, Office Specialty, a division of Molsons Industries, 130 Albert St., Ottawa, Ont.

T. Barry Reynolds, Arts '70, has been appointed manager, group underwriting, for Confederation Life Insurance Co. His responsibilities include the underwriting of groups for the Toronto, Winnipeg, Calgary and Vancouver group offices. Mr. and Mrs. Reynolds (Sandy Pattinson), Com. '64, reside at 41 Doonaree Dr., Don Mills, Ont.

Brian J. Richardson, Arts '70, has been appointed vice-principal of Don Mills Junior High School, Don Mills, Ont.

Play it again, Sam

From the QUEEN'S JOURNAL, 1929:

"There is a strain in the blood of a frosh that needs, if not fagging or hazing, at least some set of petty indignities to eradicate. Initiation rules, taken in the right spirit, will tend quickly to bring about a real college loyalty which, here at Queen's, is especially intense and binding. Remember, frosh are the scum of the earth!"



1925

H.N. 'Nels' Corbett, Commerce '29, underwent the "petty indignities" of the initiation of his day—a long slide into a tub of oil and feathers at the stadium.

Mr. Corbett survived to teach at the
School of Commerce, Ottawa. The following year, the Journal reported an end to physical initiations.

1971

Physical initiations abolished? This unidentified engineer of Science '75, one of the casualties of last year's greased pole climb, would be surprised to hear it. The feathers of 1925 are gone, but the oil has been replaced by a waist-deep pit of fluid indescribables. Plus ca change.



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NOMINATIONS SOLICITED

Graduate and graduate benefactors of the University are reminded that nomination ballots for election of candidates to the administrative bodies are not sent out except to the elected members of the University Council and to the non-graduate benefactors in the case of Trustee elections.

The procedure for making nominations is outlined on page 150 of this issue.

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MISSING WORDS

The editor of *Golden Words* would like to obtain a copy of Volume 1, Number 1, bearing the publication date of January 24, 1967. Please write to him at Clark Hall, Queen's University, Kingston, Ont.

MARTY MEMORIAL SCHOLARSHIP

VALUED AT \$3,000

Established by the Queen's University Alumnae Association in memory of Dr. Aletta Marty

Any woman graduate of Queen's University with a Master's degree or equivalent may hold this scholarship, which is awarded annually for a year of study and research at the graduate school of a recognized university. Candidates must have the Master's degree when they hold the scholarship, but not necessarily when they apply for it.

A committee chosen by the Alumnae Association makes the award. The scholarship may be awarded to the same person for a second year.

Conditions

Application forms may be obtained from the Registrar, Queen's University at Kingston. They must be returned to the Registrar by February 1, 1973, with the following information:

- 1. List of universities attended, with dates and degree or degrees received, together with a transcript of work done at universities other than Queen's. A statement of examinations passed at Queen's need not be sent.
- 2. List of foreign languages which the candidate can read and/or speak.
- 3. Information about service given as reader, tutor or demonstrator during university course.
- 4. (a) Statement of interest and activities other than academic and professional work.
 - (b) Statement of any business or professional positions held.
- 5. List of publications (if any).
- 6. Name of university at which candidate proposes to study.
- 7. Outline of proposed plan of study.
- 8. Statement of other scholarship applications, if any.

- 9. Names and addresses of three persons from whom confidential information may be obtained about academic and personal qualifications. These persons must include two professors, one of whom is a professor under whom the candidate is presently studying or has recently studied. If the candidate has recently held employment related to her field of research, the third letter of reference should come from her employer. Otherwise she should ask a third professor, who can vouch for the quality of her scholarship, to send a letter on her behalf.
- 10. The acceptance of the scholarship obligates the scholar to devote herself to study and research during the term of the award. The successful candidate must send to the Chairman two reports, the first at the middle point of her year of study, and the second at the conclusion of the year.
- 11. The first instalment of the scholarship, normally \$1,700, is payable at the beginning of the programme of study. The second instalment of \$1,300 is paid on the receipt of the first report.

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ALUMNI REVIEW NOVEMBER — DECEMBER 1972

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COMMERCE CLUB

1921 - 22

FRONT ROW: left to right — G. M. Sutherland, Prof. W. C. Clarke, R. E. Wagar. Back Row: P. Sykes, H. P. Salter, C. W. Healey, J. R. Rutledge, G. Heasman.

The above photograph of great historical interest is typical of several dozen items received by the Alumni Office during the past few months. Some were older, some were much more recent, all were welcome.

Contributions were received from Miss Kathleen McArthur, Miss Janet E. Pullen, R. J. Young, J. Alex Edmison, Mrs. H. S. VanPatter, Stewart Warrington, Mrs. Hugh Cochrane, Hugh Travers, Miss Betty Gordon, Miss Marjorie Gordon, Miss Jean Carmichael, Mrs. Lillian Preston, Hugh Nickle, Miss Margaret H. Brown, Alex Deans, Dr. A. G. Dorland, Mrs. G. M. Sutherland and Mrs. A. Gray Farrell.

The Alumni Office is always on the lookout for such mementoes as photographs, yearbooks and other memorabilia. Vintage is of no consideration; some of the scarcest items are those of recent years.

WANTED

Pictures of student executives, campus scenes, directories, handbooks and other mementoes of the past

university

ALUMNI REVIEW



NOVEMBER-DECEMBER Volume 46 Number 6

Editor and Business Manager HERBERT J. HAMILTON

Associate Editor
CATHERINE M. PERKINS

Editorial Assistant . FAYE PATTEN



COVER: Chancellor J.B. Stirling welcomes H.A. "Curly" Estabrook, Sc.'41, and Mrs. Estabrook (Audrey Reece), Arts'41, to the Principal's Reception in Grant Hall on Reunion Weekend. Principal Deutsch is in background, right. The Estabrooks came back to Queen's from Frontenac, Missouri. For more Reunion pictures, see pages 164-168.

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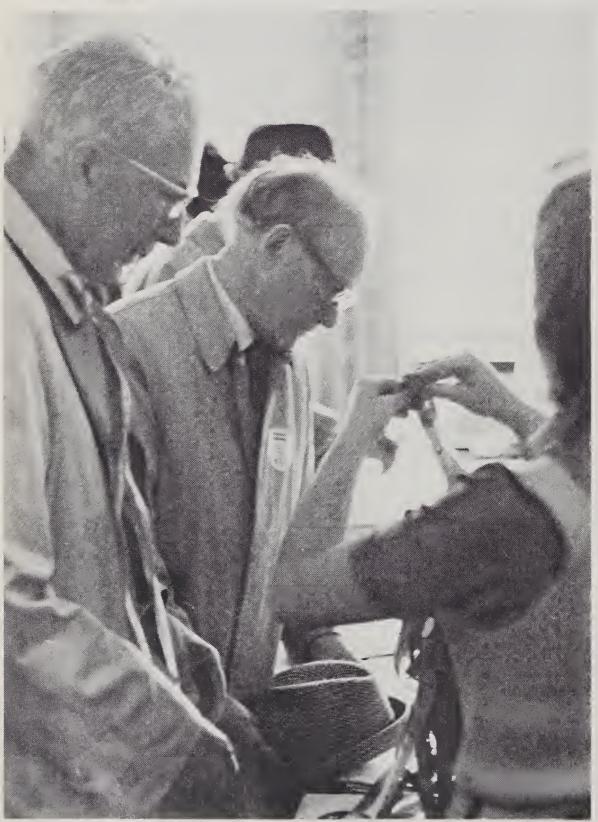
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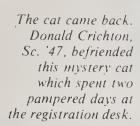
REUNION



Two of Friday afternoon's early registrants get "pinned" by a 1972 Betty Co-ed. The bunches of tricolor ribbons were part of the AMS welcome. Students also conducted campus tours.

On these five pages, the *Review* hopes to give you some idea of who came back to Queen's for Reunion '72, how they spent their weekend, and how much fun it was for the whole University community. About 2,500 graduates were around to bolster the campus population, although only 650 of them registered formally. It was the biggest reunion in memory, due to the fact that the years '68, '69, '70 and '71 were the largest classes ever to graduate and be invited "back home."

Alumni, alumnae, their spouses and, in some cases, their families were kept on the go from registration time on Friday afternoon till the wee-hours ending of the Student-Alumni Dance in Grant Hall on Saturday night. Wedged in between were the annual meeting of the Alumni Association, a Dupuis Hall reception for Engineering grads, the Alumni Reception in Grant Hall, the Medical Formal, a box luncheon in the gym, the Queen's-Varsity game, coffee, doughnuts and buffet dinner in Victoria Hall and the general Reunion Dinner for senior graduates in Wallace Hall. The program concluded with a University Church Service on Sunday. If your picture is here, we hope you're reminded of good times. If you aren't here, we hope the pictures make you want to join us next fall.











Above, Principal and Mrs. John J. Deutsch head the reception line at the Alumni Reception in Grant Hall, Friday evening. Left, Alumnae President Gladys Heintz, Arts '37, strolls through the memorabilia displayed in the Union. Behind her is Vice-Principal Jim Courtright. Below, Faculty of Applied Science held a reception in Dupuis Hall for Engineering grads. Wearing souvenir hard hat is H.A. "Curly" Estabrook, Sc. '41. Clockwise, others are Mrs. H.I. Marshall, (Josephine Losee), Arts '42, J.A. Lamb, Sc. '52, Mrs. Lamb and Mrs. Estabrook, Arts '41.

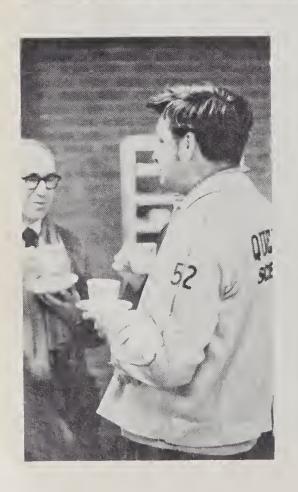






CLASS OF ARTS '12: Front row, l-to-r, Mrs. L.D. Fallis (Reba MacArthur), Mrs. J.H. Ramsay (Jean Hay). Back row, Rev. Dr. Stanley Scott, Dr. J. Ross Tuttle, Horace G. Lockett and William E. Shales.

Left, unidentified Sc.'52 grad sips coffee at McArthur Hall after a chilly afternoon in Richardson Stadium. Below, Dr. C.W.E. Danby, Med.'40, and Mrs. Danby take in the Meds Formal, "Seven Year Itch", at the LaSalle Hotel on Friday night.





CLASS OF SCIENCE '22: Front row, left to right—Carlyle Gerow, Dr. Clifford S. Gibson, Donald R. Roughton, Clifford R. Frid. Second row—Edwin VanBuskirk, Lewis O'Brian, Clarence Bulmer, Doug Geiger. Third row—Colin A. Campbell, William Greenwood, George E. Lewis, Norman J. Taylor, Fourth row—Wilfred Lafontaine, Doug Findlay.

CLASS OF ARTS '22: Front row, left to right—Mrs. J.R. Rutledge, Mrs. H.V. Tancock, Mrs. D.G. Geiger (Goldie Bartels), Mrs. W.O. Lafontaine (Mae Millan), Mrs. G.M. Sutherland (Doreen Lavell). Second row—Mrs. A.N. Reid, Miss Margaret Wilton, Mrs. A.L. Kuehner (Grace Weese), Mrs. G.R. Woolsey (Florence Munro). Third row—John R. Rutledge, Herbert V. Tancock, Rev. A. Newton Reid, Rev. Donald MacInnes. Fourth row—G. Marshall Sutherland, Dr. R.W. Cumberland, S. Murray Chown.





Group of grads caught in a mixture of moods between the cold football game and the hot buffet. Reception and buffet were held in Victoria Hall.





CLASS OF MEDICINE '22: Dr. Amos E. Friend, Dr. Fred W. Bush, Dr. Leonard C. 'Pat' Blakey, Dr. Bertram H. Harper, Dr. D. Gorman Lynch.



Having a post-game chat with Padre Laverty are, in a circle from his left, Jim Sherbut, Com. '50, Mrs. S. Searle, Stewart Searle, Com. '47, Mrs. Sherbut, and John Sherbut. Right, the harvest-decorated buffet that was spread Saturday evening in Victoria Hall.



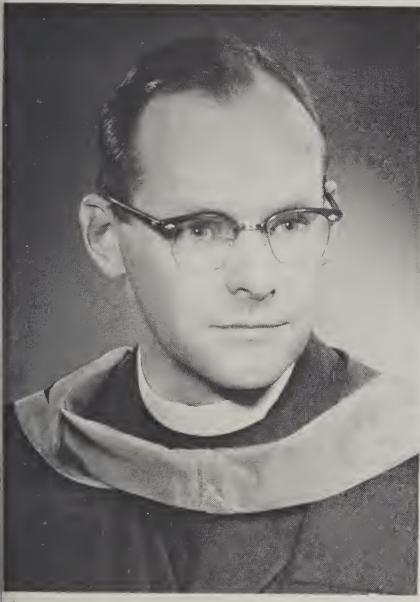


CLASS OF COMMERCE '47 in a party mood. Back row, left to right: Rod Cameron, Tom Davis, Brock Mordy, Don Acton, John Conner, Jim Martin, Sam Covey, Garth Webb, Stew Searle, George Stone, Lyndy Cliff, John Bannister. Third row: Mrs. L.G. Macpherson, Mrs. Lee Conner, Mrs. Sally Martin, Mrs. Nancy Miller, Mrs. Maud Searle, Mrs. Lorne McDougall, Mrs. Betty

Bannister, Mrs. Clifford Curtis, Mrs. Jim Cameron, Mrs. Diana Cliff Alf Miller, Second row: L.G. Macpherson, R.G.H. Smails, J.C. Cameron, J.L. McDougall, Clifford Curtis, Frank Knox. Front row: Mrs. Marion Acton, Mrs. Mary Mordy, Mrs. Marion Cameron, Mr Cam Webb, Mrs. Lola (Honsberger) Stone, Mrs. Laura Covey, Mr Berieth Davis and Mrs. F. Knox.

In Memoriam:

The Rev. Dr. Donald Mathers



The Rev. Dr. Donald M. Mathers, Principal of Queen's Theological College since 1970, died of leukemia on September 12, at the age of 51. Dr. Mathers was also Professor and Head of the Department of Religion in Queen's University, and a member of the University Senate. At a subsequent Senate meeting Prof. Martyn Estall read the tribute which is printed here.

"Donald Mathers joined the faculty of the Theological College and of Queen's University 19 years ago. He held M.A. and B.D. degrees from the University of St. Andrews and the Ph.D. from Columbia University. He was recently the recipient of honorary degrees in divinity from St. Andrews and from Victoria University in Toronto. Following graduation from St. Andrews he had served with the British Army in the western theatre of war, and had also worked with students as a secretary of the British Student Christian Movement.

"Dr. Mathers was an incomparably effective and devoted teacher. His course on the major non-Christian world religions was one which increasingly attracted students of different faculties and of widely diverse interests and orientation. Dr. Mathers' presence and leadership had a very great deal to do with the steady growth of enrolment in classes in the Department of Religion, and with the healthy state of the Theological College. But his contribution to the life of this university extended far beyond his own classes. He belonged to and served the whole university. He was a wise and faithful participant in the deliberations of the Senate and its committees. At the time of Dr. Deutsch's installation as Principal of Queen's, it was Donald Mathers who chaired the committee which brought together a distinguished group of scholars to participate in a symposium on the University and the Ethics of Change.

"Donald Mathers served the Christian church as he served Queen's University, with wholeness of heart and mind. He wrote a study book, *The Word and the Way*, for the United Church of Canada which became, as soon as it appeared, the most effective single statement of Christian belief and practice for the use of its members, clergy as well as laymen, young as well as old. It is a book that, like its author, wears its scholarship lightly, learning having been transformed through love into wisdom.

"The words once spoken of William Law are fitting as a tribute to Donald Mathers: 'He believed all that he professed and practised all that he enjoined.'"

CFRC am-fm

On the weekend of October 21, Kingston radio listeners heard the plummy tones of TV's Pa Cartwright — Queen's Lorne Greene saying: "Out here on the Ponderosa range we're a little out of range of CFRC, but in a half century of service a radio station's reputation sure gets around. Happy anniversary, CFRC."

They also heard CFRC being congratulated by such well-known radio veterans as Gordon Sinclair, Betty Kennedy, Bob Hesketh and Jack Dennett, and by Cleveland Symphony conductor Robert Conrad. As Lorne Greene put it in another of his taped-for-the-occasion greetings, "Fifty years in the saddle is a long time, but CFRC has sure done it!"

In the half century since 1922, CFRC has grown from an experiment in electrical engineering to a service to students, staff and the community at large. The first broadcast is reputed to have been a cornet solo by an engineering student.

At that time the station was licensed under the call letters 9BT. In 1923 it became CFRC and one of the year's most exciting broadcasts was a play-by-play account of a Queen's-McGill football game. The Golden Gaels won the Grey Cup that year and were Canadian champs. Some wags suggested that CFRC stood for "Canada's Famous Rugby Champions." At any rate, CFRC still broadcasts Golden Gael football (as well as hockey and basketball) and has twice followed the team to Winnipeg for live broadcasts as Queen's sought Canadian championships in 1968 and 1970. Perhaps it's not much of an exercise in an age of live hockey from Russia, but for a stu-

50 Years of Campus Radio

By Andrew Marshall, Station Manager

dent-staffed radio station it's still not a small accomplishment.

cfrc actually has only two fulltime paid employees — the station manager and his assistant, a "Girl Friday" who types scripts, prepares logs and supervises the record library, among other things. Technical service and design work are supplied by the Electronic Service Shop, located near the station in the

REMEMBER?

"This is CFRC, 1490 on your radio dial. The time: 7 o'clock. From high atop Fleming Hall, the Radio Workshop of the Queen's Drama Guild, under the supervision of Program Director Lou Tepper, brings you another four hours of Queen's on the air.

"Tonight, the Radio Workshop's presentation will feature a variety of musical programs under the supervision of Music Director Doug Creighton. You will hear interviews, discussions and commentaries, presented by Talks and Features Crowther. Dick Director Bruce Davenport, News Director, will bring you 'Journal on the Air,' and sports news will be presented by Don Brittain. You will hear a half-hour play, directed and produced by Drama Guild Director Flo Fraser. Operation for these programs is by Murray Beech.

"And now, here is George Norman with your first program on the Radio Workshop to-night."— From Tricolor '50 same building — Carruthers Hall.

All other services for CFRC, including program direction and general operations, are handled by the CFRC Student Radio Club. The club executive consists of an AM program director, FM program director, chief announcer, chief operator, chief transmitter engineer, secretary, treasurer and librarian. These people organize club affairs and do the manifold tasks required to operate the AM and FM Stations.

Queen's Radio hasn't always had this sort of structure, however. The years between 1922 and 1972 have seen many phases, including one where CFRC was a commercial station — but more on that later. Between 1922 and 1936 the station was used to broadcast special lectures and interesting events at Queen's, as well as to supply a working exercise in the developing technology of broadcasting.

As an illustration of this, I might note that no fewer than six different transmitters were constructed by students and staff in the years from 1922 to 1939. Instrumental in the early technical development were such people as Dr. Harold H. Stew art, now Professor of Electrical Engineering, and CFRC's technical director, and Dr. D.M. Jemmett.

Programming tended to vary in quality and frequency in those years and since CFRC was Kingston's ear to the world it was thought, especially with the founding of the Canadian Radio Broadcasting Commission (the forerunner of the CBC) that CFRC should expand its service.

So, by arrangement with the Kingston Whig-Standard CFRC be-



In 1938 photo, Dr. Harold Stewart, instrumental in CFRC's early technical development, is shown with the station's transmitter, one of six in 17 years.



CFRC in the '70's: Dr. Lorne Greene, with Andy Marshall, listens to playback of taped greetings.

gan in June of 1936 to broadcast a full schedule of daily programs with network service from the CRBC.

The Whig-Standard handled the advertising end of things, while the university supplied on-air and technical personnel. Maj. James Annand was the station manager and Prof. Harold H. Stewart began his long tenure as technical director.

Until 1942 this arrangement operated with good results. But the Whig's desire to run its own show, combined with the University's feeling that it no longer wished to be associated with some of the advertising, precipitated the newspaper's setting up of CKWS radio in 1942. The medical faculty had been particularly upset about advertisements for patent medicine on CFRC.

So Queen's radio reverted to non-commercial programming once igain. Between 1942 and 1945 programming was sporadic. In the sumner of 1945 things were enlivened by the first of the Summer Radio institutes held co-operatively with the CBC. At these seminars many proadcasters were trained by the best of CBC's personnel, including innouncer Lorne Greene, a graduate of Arts '37 who'd been active in both the Drama Guild and the radio vorkshops. Summer Institute work-

shops continued until 1949.

The fifties saw the birth of an organized CFRC Student Radio Club. Because the club kept limited historical records, we know relative-

SPECIAL FOR CBC

A program produced at CFRC will be heard on the CBC Radio Network as a special Christmas edition of the Anthology series. The program is entitled "A Child Growing Up." It was conceived originally as a stage presentation by Prof. David Kemp, head of Theatre Arts at Queen's Faculty of Education; was adapted for radio by Mr. Kemp and CFRC manager Andrew Marshall; produced by Mr. Marshall; and performed by David Kemp and Lorna Wilson, also on the drama faculty. "A Child Growing Up" is a collection of poems, essays and stories by many well-known writers (Sir Walter Scott, for example, Louis McNeice, E.E. Cummings, Charles Dickens and Moss Hart) about the process of growing up.

The program will be heard on the CBC on December 23.

ly little about its early growth, except that it emerged as a splinter of the Drama Guild, which put on weekly dramatic productions over CFRC. Eventually some of these bepeople became more interested in radio than drama and CFRC's programming expanded.

In 1954 an FM transmitter was added to the facilities. By 1959 it had grown to the extent that the university saw fit to appoint a full-time director of radio, Margaret Angus. As wife of Dr. William Angus, head of Drama, she had been actively involved in the radio workshops of the forties and had become a successful professional scriptwriter for radio.

As a result of her full-time appointment, the station was able to let listeners know when it was on the air and to publish program schedules. Mrs. Angus did much to ensure that CFRC grew with the sixties and gave a vital alternative service to Kingston AM and FM listeners.

Upon her retirement in 1968 this writer was appointed to succeed her, with the title of the office being changed to station manager. In recent years CFRC and CFRC-FM have begun separate programming during part of their broadcast hours, in

CFRC: Now it's two stations in one — Queen's Radio (AM) and Fine Arts (FM)

order to present more fine arts programs; stereo FM and longer broadcast hours are being planned.

At present the Student Radio Club has a membership of close to 100 and does an excellent job of entertaining and informing the Kingston public. CFRC's present AM station broadcasts at 1490 on the dial with a power of 100 watts, and CFRC-FM is at 91.9 on the FM dial with 1270 watts power.

The stations present some international and exchange programs as well as locally originated ones. One

of the most popular these days is the old BBC favorite, "The Goon Show."

CFRC also carries all Queen's football games and programs of rock, folk, jazz and classical music. CFRC-FM concentrates more on classics, presenting both local programs and carefully selected international ones. Included in the latter category are concerts from Europe's Salzburg, Bayreuth and Queen Elizabeth festivals, and weekly concerts by the Cleveland Orchestra. CFRC and CFRC-FM's most popular classics program is "Classics by Request" in

which we spend four hours on Sunday afternoons accepting phone requests for favorites. Our most popular evening program is the free-form rock show "Nocturne."

Queen's radio enters the seventies with a totally modern radio format which also attempts to maintain traditional program values that are often unavailable in today's "block" formats. And we hope that the next 50 years will see as much development in program practice with an accompanying maintenance of good broadcasting philosophy.



1966: The record library was building fast and "Newport" was the synonym for "jazz."

SPECIAL WELCOME FOR CFRC "GRADS"

As part of its fiftieth anniversary celebrations, CFRC held Open House during Reunion weekend and issued a special welcome to homecoming grads who'd worked at CFRC during their student days. Station manager Andy Marshall calls the Open House a great success and reports that dozens of former station hands turned up, mostly on Sunday afternoon. One Engineering alumnus presented him with some insulators rescued from CFRC's first antenna when it burned in

the Fleming Hall fire of 1933. Another anniversary event took place at Richardson Stadium on Saturday when the kickoff was handled by Prof. A.W. "Fred" Jolliffe, son of the announcer on that first play-by-play football broadcast back in 1923—Prof. R.O. Jolliffe, then head of Classics. A three-hour documentary put together by Andy Marshall and broadcast October 20 was enjoyed so much that it was rebroadcast in November by popular request.



1957: Radio Workshop. Clockwise from bottom L., M.I. Davie, the late George Harshman, Ian MacGregor, Christopher Smith, Ann Haves.



1964: With turntables on both sides, intercont and phones at hand and banks of sophisticated equipment, one student could run whole show.

Around the Campus

Noted geologist retires

Dr. Alfred Walton Jolliffe, a rare combination of prospector, geologist and teacher, has retired after 22 years with the Department of Geological Sciences. He is a graduate of Queen's (B.Sc.'29, M.A.'31) and Princeton (Ph.D.'35).

From 1928 to 1945 he worked for the Geological Survey of Canada on a series of summer prospecting surveys in the Northwest Territories, and it was one of his survey parties which made, in 1935, the Yellowknife discovery which led to an important gold rush.

Over the years, Professor Jolliffe created a close rapport with his students. He has been honorary president of both the Alma Mater Society and the Engineering Society. During his 22 years on staff, he gave more than a dozen courses up to doctoral level and taught approximately 6,300 students. He has supervised about 60 undergraduate and 30 graduate theses.

Queen's and the Jolliffe family have other strong links. Dr. Jolliffe's father, Richard, was head of the Classics Department from 1920 to 1932. His sons are both Queen's men—Peter, Sc.'65, now teaching at the University of British Columbia, and Thomas, Sc.'71, a mining geologist in Zambia.

Dr. Jolliffe, in collaboration with his brother, Dr. H.R. Jolliffe, B.A. 24 (Ph.D., Chicago), plans to complete the work they began six years ago on the first English translation of Georg Agricola's *Bermannus - A Dialogue on Mines and Minerals*, written in 1530.



B.W. Sargent



A.W. Jolliffe



C.H. Parker



E.M. Boyd

B.W. Sargent honoured
The "Sargent Diagram" will perpetuate his name in the textbooks and literature of nuclear physics, but Dr. Bernice Weldon Sargent has established other monuments since that trail-blazing 1933 discovery—among them, the Chalk River Nuclear Laboratories and Queen's University's only "round building," Stirling Hall.

On September 9, 122 people, including two university principals, Canadian physicists, and other eminent persons from universities, industry and government, gathered from Canada and abroad to mark the retirement of a man whose work in physics research and education has made his name and Canada's known worldwide.

During the second World War, Dr. Sargent collaborated with Dr. G.C. Laurence in some secret experiments which led to the establishment of the joint Anglo-Canadian Atomic Energy Projects of the National Research Council. The project finally became the Atomic Energy of Canada Limited's Chalk River establishment.

Dr. Sargent, MBE, was head of Physics from 1951 to 1967.

Dr. C.H. Parker promoted Dr. Charles Haldor Parker was named Acting Principal of Queen's Theological College following the death of Dr. Donald Mathers.

Dr. Parker has been at Queen's for 11 years and is currently Professor of Hebrew and Old Testament Literature in the Theological College and Associate Professor of Hebrew and Religion in the Department of Religion (Arts and Science).

He is a native of Manitoba and a graduate of the University of Manitoba (B.A.'49), United College, Winnipeg (B.D.'58) and Columbia University (Ph.D.).

Boyd Fellowship founded

The Board of Trustees has approved a graduate fellowship in honour of Dr. Eldon M. Boyd, who retired in September after 38 years at Queen's, 31 of them as head of the Department of Pharmacology.

The Eldon Boyd Fellowship is financed from a \$47,000 drug research account built up by Dr. Boyd over the years. It will provide a \$3,000 annual fellowship for a graduate pharmacology student.

Dr. Boyd attended Queen's (B.A. '28, M.A. '29, M.D., C.M. '32). and taught obstetrics and gynaecology at Rochester before joining Queen's in 1934.

FOOTBALL 1972:

A So-So Season

The Queen's Golden Gaels, 1972 edition, lost as many games as they won, and in the process missed the playoffs for the first time in many a moon.

Going into the final game of the season, Queen's was tied with Toronto and Ottawa for first place, but when they dropped this one they wound up third, with three wins and three losses, behind Toronto and Ottawa with four wins and two defeats.

Queen's started off well with victories over Carleton and Ottawa and then took a 46-18 thumping from Toronto. They just couldn't cope with the manoeuvres of their old nemesis, Wayne Dunkley, the allstar Toronto quarterback, who operated most effectively out of shotgun formation and just about blew them out of the park. He completed 26 of 43 passes for 380 yards and three touchdowns. When he retired early in the fourth quarter his replacement, Steve Kerr, kept up the pace with a touchdown on the first play, a 45-yard pass-and-run effort.

The Gaels were never really in the running and showed only flashes of form. Quarterback Tom Taylor hit his favorite receiver Stu Lang with an 11-yard pass for a TD and Lang took another five-yarder from Raoul Serebrin, while Doug Cozac contributed two converts, a field goal, and a single.

The two teams tangled again as the feature attraction of Reunion Weekend at Kingston on October 21 and the result was closer, but just as frustrating, with Toronto making the most of their scoring opportunities. On two occasions, with the Gaels pressing, the Blue and White pulled off long gainers, one for 94 yards and the other for 56. Both led to touchdowns.



Defensive back and place kicker Doug Cozac (above) and defensive halfback Geoff Hamlin were the only two Gaels named to the 24-member all-star Intercollegiate team for the Ontario Universities Athletic Association football league. Toronto placed 10, Ottawa nine and Carleton three. Hamlin was also named to the all-Canada all-star team.

The Queen's defence played well, pulling off five interceptions and picking up a Varsity fumble, but the offence was effective only in spurts. Among the frustrations of the afternoon was an attempted field goal by Doug Cozac that hit the goalposts. If this kick had succeeded, Queen's would have narrowed the gap and Cozac would have established a new OUAA scoring record. As it was he scored two field goals and converted Geoff Hamlin's touchdown to wind up two points shy of the record.

Although the Gaels could not contain Varsity, Ottawa accomplished the feat twice, and yet Queen's were able to knock off Ottawa in both their encounters. Such are the mysteries of intercollegiate football. In the play-offs Ottawa eliminated Toronto.

On September 23 in George Richardson Stadium, Queen's beat out the Gee Gees 16-13. The victory marked Coach Frank Tindall's 100th and afterwards his players presented him with the game ball.

The return game in Ottawa on October 23 was a nail-biter with Queen's emerging on top by 18-17. Dave Campbell settled this one with a kick for a single in the last minute of play. Previously Doug Cozac had kicked three field goals, and Dave Hadden had burst up the middle for 26 yards and a touchdown.

In the two games with Carleton Ravens, Queen's won 33-0 and lost 26-23. In the latter tilt the Ravens ran up a 19-0 lead in the first quarter and the Gaels could not quite overtake them.

A lot of punch went out of the Gaels with the loss of speedy Gord McLellan when he was injured in a pre-season game with the Old Boys. He did get into action briefly against Varsity, but was hurt again, and this

time his retirement was permanent. His 1971 production of 12 touchdowns was followed by none in '72.

There were several familiar names in the Queen's line-up. Alex Melvin, son of Dr. James Melvin, had a good year at outside wing, made many spectacular catches, and scored three touchdowns. Two freshmen broke into the line-up: Rich Koski, son of Bill Koski, at centre, and Derryl Penner, son of Bo Bo Penner, on the backfield. Geoff Hamlin, son of Howie Hamlin, played a strong game at fullback.

A tip-off that the 1972 Gaels might not be the strongest to come out of the Limestone City appeared when the Old Boys knocked them off 45-21 in a pre-season game. With Don Bayne at quarterback the Alumni looked as if they had had many hours of practice instead of a few minutes and ran through their plays and the opposition with precision, authority, and élan. The talent included the likes of Peter Thompson, Peter Quinn, Mike Sharp, Jim McKeen, Mike Hartley, Jim Tait, and such senior citizens as Lou Bruce and Stan Trzop.

The playoffs won't seem the same without the Gaels, the kilty bands, and the boisterous supporters. As Principal Deutsch said at the dinner in October at which Frank Tindall was named "Sportsman of the Year" by the local television station, the reputation of Queen's is such that it is considered an upset when the opposition wins.

The coaching staff this year was headed by Frank Tindall, completing his 26th year at the helm, aided by his perennial assistant, Hal McCarney, the well-known Gananoque inn keeper and boatman, and with the help of Bill Miklas, Jim McKeen, and Jim Sherritt.



Co-captain Brian Warrender was the most consistent ground-gainer for the Gaels. Here he is cracking the Gee Gees' line in the first Queen's-Ottawa game.

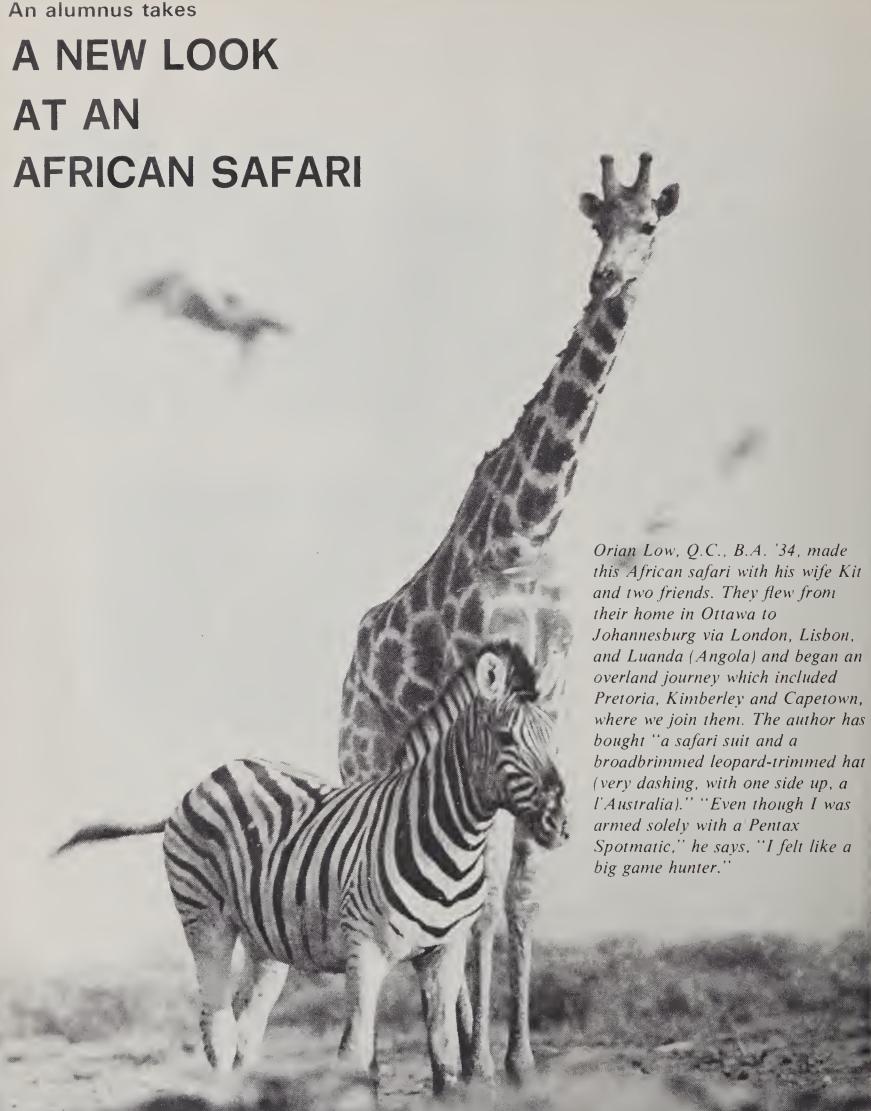


Former football great Ron Stewart outlines a few plays for the Mentor. The occasion was the dinner held under the auspices of CKWS-TV at which Coach Frank Tindall was named Sportsman of the Year.



Alec Morris intercepts a pass intended for Barry St. George of the Ottawa Gee Gees. Morris made half a dozen interceptions over the season.





Capetown! Imagine being so near the Cape of Good Hope—the stuff of which boyhood dreams are made. It is a beautiful city, wedged between 3,500-foot-high Table Mountain and the sea. We saw the magnificent Groot Schuur (literal translation: "Big Barn") Hospital of heart-transplant fame and wondered why there is a cemetery in front of it. South from Capetown by bus we saw in the Cape Reserve the almost extinct bontebok, deer reputed to be able to kill elephants and lions. It served as a reminder of that old story about the lion which approached an impala and said, "Who is the king of beasts?" The impala replied, "You are." In a happy frame of mind the lion approached a zebra and said, "Who is the king of beasts?" The zebra replied "You are." With ever-increasing confidence, the lion approached an elephant and said, "Who is the king of beasts?" The elephant picked the lion up with his trunk and threw him over some bushes. The lion was heard to mumble, "Well, if you don't know the answer, you don't need to get mad!"

A swing to the east brought us to the Indian Ocean, which is 15 degrees warmer than the Atlantic, and we headed north along the Garden Route via Mossel Bay and Wilderness. We visited an ostrich farm and learned the meaning of a "co-operative effort." The female ostrich sits on the eggs all day, and the male sits on them all night.

Durban, with its 800,000 population, is an exciting city, partly because it has maxi-mini skirts and a



Author Orian Low

golf course (like the one in Bangkok) built entirely within a race track. From here it was easy to pay a brief visit to Zululand and see where the "topless" style of dress originated. This once "most-feared" tribe is now a very peaceful one.

After a visit to Mozambique we re-entered South Africa-into the Transvaal—and entered Kruger National Park. Despite its 7,500 square miles, we saw many animals for the first time, including impala (which can jump more than 17 feet and clear a six-foot obstacle), warthog, wildebeest, elephant, baboons, duyker, waterbuck, sable antelope, giraffe (which are the tallest animals on earth and have a 25-pound heart), mountain zebra, water buffalo, steenbok (which are members of the deer family but, when fully grown, are only 18 inches high) and the rare nyalla.

The animals are what set this trip apart from all the other wonderful trips we have had. Animals in their natural habitat gave us the opportunity to take home so many trophies—not horns, not hides, not hooves, but hundreds of fabulous pictures in colour. It is said that Kruger has 140,000 impala, 20,000 zebra, 19,000 buffalo and 8,500 elephant. We didn't see them all, but we did see many. We learned that baboons are so organized that one of the elders is assigned the duty of baby-sitting all the young. What a thrill when we actually came upon a "grandmother" looking after more than a dozen "babies."

We visited Rhodesia and were very much impressed with it. At Bristow's Animal Orphanage we were introduced to Dandy (lion) and his mate Tania, to a cuddly five-year-old elephant, and to a little boy named Entertane and his baby zebra. This zebra had been brought into the orphanage very sick, and nine-year-old Entertane was assigned the task of caring for it. He nursed it back to health and now literally eats and sleeps with it. They are inseparable. A moving picture is being made about them.



Better than a fur rug: a close-up of a lioness giving her cubs a licking of approval

On to Tanzania (the union of Tanganyika and Zanzibar). I like the old name Tanganyika better, because as a boy I loved the beautiful Tanganyika animal postage stamps. Thrill of thrills, in the museum in Dar es Salaam we saw the 1,750,000-year-old skull of Zinjanthropus man, discovered in the Olduvai Gorge by John and Mary Leakey. Their discovery fixed the cradle of humanity in Africa, not Asia, and pushed back the time of human existence by more than one million years. Now their son has discovered, at Lake Rudolph, not far from Olduvai Gorge, another skull which may be 650,000 years older.

As children we dreamed of that far-away island called by the wonderful, mystical name Zanzibar. Here we were, on this great historical crossroads of the trade routes, the jumping-off place of Dr. Livingstone, and the destination of Bob Hope, Bing Crosby, and Dorothy Lamour. Its activities today have faded from its former glamour, but it is still romantic in its use of lemon grass for tea, its touch-me-not leaves which shrivel when touched, its cloves, cinnamon, kapoc, tapioca, papaya, coconuts and mangoes.

We visited Mombasa (Kenya) briefly (what sounds of adventure



Only one cat caught the camera catching this waterhole saga. Surfeited with zebra, pride of nine lions settles down for a snooze.

and history that name conjures up!) as we journeyed through Masai country, with its tall, thin, straight men whose hair is often mudpacked, who wear earrings, who stand on one foot much of the time as they guard their vast herds of cattle and who always carry long spears.

Our next game reserve is Lake Manyara, one of the great forested reserves and one of the few where lions can be seen resting in trees. In game viewing you can be lucky or unlucky. These vast areas ranging up to 8,000 square miles can hide

Sleek cheetah caught in a restful moment.
This hig cat can run 80 miles an hour



animals merely because they cross the road a few minutes ahead of you or a few minutes behind you.

We must be permitted to boast and say that in all eight game parks we were lucky. Other great reserves we visited were Ngorongoro, Murchison Falls, Queen Elizabeth, Aberdare Amboselli (at the foot of 19,000-foot Kilimanjaro, the highest mountain in Africa), and Nairobi. We did so want to visit Serengeti perhaps the best of them all—but on this single occasion fate was against us. We were supposed to fly in from Nairobi on Easter Sunday. We thought it would be a superb day, because there was a fabulous dawn. The entire eastern sky was orange and the western sky displayed a broad, complete rainbow. An hour's delay at the airport might have warned us of trouble ahead, but we took off and when half-way to Serengeti one of the two engines "conked out" and we had to return. But at least the incident produced a good story. One lady turned to another and said, "An engine has stopped." The other lady replied, "Perhaps they did that so we can talk."

The animals are in great danger of extinction because of poachers and cattle: poachers kill indiscriminately and the reserves are too large to police; cattle herds are growing and the tribes consider cattle more important than wild animals. In 60 years the Masai herds alone have grown 20-fold, until today it is estimated they have more than 1,000,000 cows, 600,000 sheep and 150,000 goats. The livestock eat the land bare and cut it to dust with their hooves, killing the roots of the grass, permitting the topsoil to blow away and increasing erosion.

In addition to the other animals I have mentioned, we saw Grant's gazelle, bat-eared fox, jackal, hyena, rhinoceros (both black and white), crocodiles, hippopotami, eland, Grieve's zebra, Uganda kob, hartebeest, klipspringers, cheetah (which can run 80 miles per hour and are the most easily trained of the big cats), leopard, bush pig, dikdik, oribi, gurunek and monitor lizards.

The animals really were superb and our love for them increased with each day in a reserve. We learned that water buffalo and rhinoceros are poor parents and were reminded that lions and elephants are wonderful parents. We learned that a lion eats 85 pounds of meat every two days (their favourites being zebra and wildebeest) and that a full-grown elephant during a 24-hour period sleeps four hours and eats 20, consuming 500 pounds of grass and leaves. We saw the damage done to

trees (by the thousands) by elephants—those they have debarked with their tusks (of course, the tree dies) and those they have pushed over either because they didn't like the taste of the leaves or because they just felt like pushing. We found that white rhinos, which eat grass, are not white but are so called because they have a broad, square jaw (for grazing) and that the Boer word "wyt" means wide; that they are nearing extinction; that the black rhino eats leaves, and that both can run 30 miles per hour, have great curiosity, poor eyesight and short tempers. We learned that the hyenas, which can chew up (better than just about any other animal) all but the biggest bones, are not just scavengers, but may kill more animals than the lions and the other predators; that the female lions do the hunting for the family, and then the order of eating is lion, lioness, cubs, jackals and hyenas, and lastly the buzzards and storks. We learned that hippos, which weigh up to 8,000 pounds, spend about 98 per cent of their time in the water because on land their weight is just too much for their legs; that they are vegetarians and that their movement in streams is very important in preventing the streams from clogging with growth. We watched the elephants protecting their young and the baboons grooming each other. We saw the stately giraffe, with its 18-inch tongue, eating thorn bushes with needles two inches long. We saw bucks fighting, impalas leaping, warthogs eating on their knees; game stalking game and monitor lizards raiding crocodile nests for eggs. We saw-and learned-and loved every moment of it.

And did we have exotic foods? We think the nicest was zebra steaks. They were like the finest tender beef with sugar sprinkled all over them—they were just that sweet.

And speaking of eating, there is the story of the cannibal who said to his host, "I don't like your wife too well." The host replied, "Okay, then just eat the potatoes."



You're invited to come and bring your children to Queen's

TERCENTENARY OPEN HOUSE FEBRUARY 10-11

Saturday and Sunday

As part of the City of Kingston's Tercentenary Celebrations you're invited to share a student's eye view of the University process.

Displays from the Sciences . . . Mini-lectures in all faculties . . . Campus Tours . . . Demonstrations of student activities and projects . . . An introduction to all those new buildings.

MEET THE FACULTY

TALK WITH STUDENTS

VISIT THE PUB

LOOK IN ON RESIDENCE LIFE

As the weekend of Open House draws closer, program details and information about special accommodation (on and off campus) will be available from

KIRK HAMILTON,

A.M.S. Office, Students' Memorial Union, Queen's University.



REUNION 1973

Classes officially scheduled:

1913

1923

1928

1929

1945

1946

1948/1/2

1964

1965

1966

1967

The above schedule is for purposes of convenience only. Any class may hold a reunion at any time.

The Alumni Office will help all Reunion organizers with their arrangements, including the preparation and mailing of notices, newsletters, class lists, proclamations, and other communications.

OCTOBER

(date to be announced)

At the Branches

Newest Alumni Branch holds first function

The Newfoundland Branch held its first get-together in St. John's on October 14. Approximately 40 people gathered in the Newfoundland Officers' Mess to enjoy some sherry and swap yarns.

A slate of officers presented by the nominating committee was elected by acclamation. Bob Olsen, Sc. '50, served as master of ceremonies and chairman for the election of officers.

The new executive is as follows: President — Dr. J.E. Josephson, M.D. '34

Vice-President — Mrs. Megan (Moores) Nutbeem, B.A. '51. Secretary — Mrs. Alyce (Casselman) Sutherland, B.N.Sc. '59 Treasurer — Mrs. Hope (Ross) Papezik, B.A. '48 Directors — Drs. Sydney Brecker

Directors — Drs. Sydney Breckon, B.Sc. '41, and Guy Brassard, B.A. '64.

New Yorkers get the news

Rev. Dr. A.M. Laverty, University Chaplain, was guest speaker at the New York Society's annual dinner meeting on November 2. New York area alumni and several distinguished guests met at the Williams Club to hear the Padre's progress report.

That Montreal tradition

Mrs. Avron (Shirley) Cohen hosted the Montreal Alumnae's traditional fall tea on October 19, greeting several new members who moved to Montreal during the summer and welcoming wives of Alumni as associate members of the Alumnae.

Sunset cruise in Kingston

The food ran short, but for 145 Kingston alumni the good times rolled on anyway aboard the new cruise ship "1000 Islander" out of Gananoque. The September 20 cruise consisted of four hours of sailing through the islands, eating, merry-making and dancing, with a fantastic sunset thrown in.

Ottawa goes grass-roots

The Ottawa Branch reports that it had a lot of fun with its country supper held October 28 at the community centre in the nearby village of Richmond. A country-style turkey supper was followed by an "honest-to-goodness, foot-stompin' hoedown" under the direction of Bob Cathcart.

Toronto Branch busy

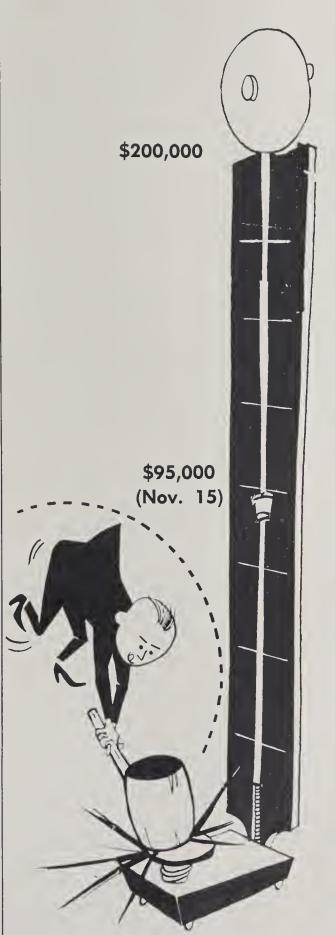
The first joint meeting of the alumnae and alumni in Toronto took the form of the annual Molson Luncheon, held at Molson's Fleet St. brewery on September 26. Coach Frank Tindall gave his annual analysis of the Gaels' prospects.

When the Queen's-Varsity game was played the Saturday following the luncheon, the Toronto Branch hosted an informal noon-hour gettogether at the University of Toronto Drill Hall for Queen's grads and their families. Lunch came complete with Queen's bands and cheerleaders.

Toronto's second joint alumnialumnae event was the annual afternoon coffee party held on Sunday, October 29, at the Forest Hill home of Mrs. Goldie Geiger.

In mid-November the Branch tried a new event — a Ski Night for members and their children to warm up for the winter season. New ski films, ski fashions modelled by members, discussions and displays about cross-country skiing, and a range of refreshments were presented in the Fort York Armouries. There was continuous activity from 8,30 till midnight.

ALUMNIFUND 1972-73



WE'RE MOVING!

Your support of the Alumni Fund is keeping pace with last year's totals.

By November 15 we had mailed receipts for \$89,000 to 2,370 donors. From 250 graduates living in the United States we had received an additional \$6,000. We were gratified to note that 500 of you gave more than you did last year.

In the appeal literature sent out in November to all graduates who had not yet made a contribution in 1972, we noted that Queen's must find almost \$1 million this fiscal year to supplement annual grants and tuition fees. Your unrestricted gifts are applied to this portion of the operating budget. You may, of course, earmark your contribution for any University project you choose.

Your Fund Committee — all graduates and volunteers — plans to stage a few TELE-THONS in early 1973, with the co-operation of our Alumni Branches. Watch for news about the wind-up of your 1972-73 Fund.

Letters

Dear Sir:

I thought other alumni might be interested in the great success of our experiment in hiring summer students.

On April 12 I called the Career Planning and Placement Office on campus, stating that I needed a married couple for the summer. The wife was to be an assistant secretary and the husband was to be used as a chauffeur, shopper, yardman, delivery man, etc. That day or the day after, Paul and Susanne Ellis called me and after a couple of phone calls it was decided that they would come about the first of May and leave about the first of September. It was agreed that Susanne would be paid \$2.00 an hour and that Paul would be paid \$2.50 an hour.

Susanne had no secretarial experience but was a good typist. Her lack of shorthand did not prove to be a serious deficiency and she was kept fully occupied. Her telephone manner was excellent and, on those occasions when she was the only person in the office, she was able to take care of people who dropped in. In summary, she was a very useful employee and a joy to have around the office.

Paul had many more talents than we had reason to expect. He is strong, quick, intelligent and willing. I enclose a list of things Paul turned his hand to while he was with us—and the list could be twice as long.

As a result of our delightful experience, Paul and Susanne are coming back to us next summer.

While my main purpose in writing this letter is to report on our success, it occurs to me that many small business men or older couples might find a summer student to be an inexpensive luxury.

Frank E. Macintyre, Sc.'49, Macintyre Realities, Wakefield, Quebec.

Directors elect Alumni Executive; hear report on self-study survey

George E. Perrin of Ottawa was re-elected president of the Alumni Association for the ensuing year at the semi-annual meeting of the Board of Directors on October 20. Also re-elected were Vice-Principal Russell J. Kennedy, Kingston, as first vice-president, and E.G.A. Jorgensen, Toronto, as second vice-president.

Appointed as Directors for a oneyear period were Mrs. D.J. Collins, Sudbury; R.H. Bissell, Hamilton; Mrs. R.N. Dobson, Burlington; G.O. Toller, Ottawa; and Dr. R.M. MacMillan, Peterborough.

In the annual election of Directors for a three-year period, the following were returned: R.M. Bassett, Toronto; Prof. C.H.R. Campling, Kingston; W.J. Finlay, Napanee; Mrs. K.B. Parkinson, Kanata; and J.O. Tweedy, Hamilton.

The appointment of R.M. Bassett as chairman of the restructured National Alumni Fund committee was announced. Mr. Bassett succeeds W.G. Cunningham of Kingston.

A final report on Phase One of the self-study survey launched in 1968 was presented and accepted. It was agreed that the impetus from this survey should not be allowed to slow down and that the Board should be constantly re-examining its structures and finding new ways of promoting a strong Association on behalf of the University.

Formation of new branches in Newfoundland and Washington, D.C., was announced. The Field Secretary, Murray Gill, will present charters to these groups.

A "Ski Banff" week will be held again, a repeat of two previous successful efforts. Dates are February 19 through 24.

In the field of alumni-student relations, it was reported that Kathy Mitchell, Arts '75, Toronto, had been appointed as the A.M.S. representative. Patricia Muldoon, Arts '75, Arlington, Va., was chairman of the homecoming program in connection with Reunion.

Greg LeBlanc, president of the Alma Mater Society, spoke on student affairs of interest to the alumni.

The following were appointed to the Nominating Committee for 1973: president of Montreal Alumnae and the presidents of Alumni branches in Kootenay, London, Oshawa and Victoria.

Alumni to help select 30 bursary winners

Commencing in 1973 Queen's will award 30 entrance bursaries of \$300 each to students from the Yukon, the Northwest Territories and provinces other than Ontario and Quebec. These bursaries will be open to Canadian citizens and landed immigrants and will be awarded on the basis of merit and need.

Queen's alumni in key areas are being asked to screen applicants and to forward nominations. Final selection will be made by the Senate Committee on Scholarships and Student Aid.

The bursaries are being advertised in high schools and interested students are instructed to request application forms from Queen's. The students will be told to forward the completed forms to the appropriate Alumni Representative. February 28 has been set as the deadline for applications to be in the hands of the Representatives.

Representatives appointed to date include: Victoria—E.M. Byrnes; Vancouver—M. Warwick Bluck; Kootenay—M.J. Walker; Calgary—D.F. Milliken; Saskatoon—Mrs. Louis Horlick; Regina—Dr. David Chandler; Winnipeg—A.W. Gilliland; Halifax—Mr. and Mrs. Robbie Shaw; Charlottetown—J.R. Leard; Newfoundland—Geoffrey Parsons; Yellowknife—Archie K. Campbell; Whitehorse—Mrs. Marilyn Ryder; N.W.T. (East)—J.L. Richards.

Names in the News

Births

Alexander—To D. Wayne Alexander, Sc. '64, M.B.A. '66, and Mrs. Alexander (Jane Trussler), Arts '66, P.H.E. '67, Beaconsfield, Que., June 29, a son (Randal Wayne), brother for Gregory Scott.

Amodeo—To Michael J. Amodeo, Arts, Ed., '69, and Mrs. Amodeo (Gloria Bowman), Arts '69, Kingston, Ont., October 14, a son (Anthony Foster Santo).

Bardsley—To John E. Bardsley, Arts '67, M.Sc. (Arts) '69, Ph.D. '72, and Mrs. Bardsley (Penny Provan), Arts '65, Kingston, Ont., August 20, a son (Paul Edward), brother for Jeffrey. Dr. and Mrs. Bardsley reside at 57B Lundy's Lane, Kingston, Ont.

Begg—To Robert Begg, M.B.A. '64 (B.Sc., Manitoba), and Mrs. Begg (Helen Benson), Arts '61, Toronto, Ont., a chosen daughter (Carolyn Louise), sister for Donnie.

Braun—To Dr. Lorne D. Braun and Mrs. Braun (Maurine Pomeroy), Com. '63, Ottawa, Ont., October 5, a son (Dale Andrew), brother for Steven.

Brooks—To Earl Brooks and Mrs. Brooks (Ruth Elaine Healey), Arts '68, Atikokan, Ont., March 24, a son (David).

Brown To Doug Brown, Arts '67, and Mrs. Brown (R.N., Wellesley), Chesley, Ont., March 21, a son (Jeffrey Douglas).

Clarke—To G. Kent Clarke and Mrs. Clarke (Betty Wright), Arts '65, Riverview, N.B., March 28, a daughter (Andrea Heather), sister for Christina, Mr. and Mrs. Clarke live at 18 Berkley St., Riverview Heights, N.B.

Clarke—To Richard Clarke (B.Sc., Carleton), and Mrs. Clarke (Betsy Sparrow), Arts '63, Carp, Ont., July 12, a son (Daniel Richard), brother for Brad. Mr. and Mrs. Clarke reside at R.R. 1, Carp, Ont.

Clouter To Dr. Maynard Clouter (Ph.D., Toronto), and Mrs. Clouter (Eleanor Bowman), Arts '66, St. John's, Nfld., May 15, a daughter (Jennifer May). Dr. and Mrs. Clouter reside at 233 Elizabeth Ave., St. John's, Nfld.

Diamond—To Fred W. Diamond (B.Sc., U.N.B.), and Mrs. Diamond (Nancy Darling), Arts '62, Montreal, Que., October 18, 1971, a daughter (Susan Elizabeth), grand-daughter for Stanley Darling, Sc. '32.

Erb—To Dr. H. Edward Erb, Med. '69, and Mrs. Erb (Heidrun Y. Bensch), Med. '70, Kitchener, Ont., September 9, a son (Nicholas Edward). Dr. and Mrs. Erb live at 233 Shakespeare Dr., Waterloo, Ont.

Fisher—To H. Kenneth Fisher, Arts '68, and Mrs. Fisher (Paige Cousineau), Arts '68, Madison, Wisc., September 12, a son (Harold Xavier Ajit).

Flindall—To Dr. Richard J. Flindall, Med. '63, and Mrs. Flindall (Bette C. Ohlke), Arts '64, Ottawa, Ont., October 28, a son, brother for Julia and Kevin.

Froese—To Stewart G. Froese, Arts '73, Theol. '76, and Mrs. Froese (Lily Jean Rombough), Arts '63 (M.A., Columbia), Belleville, Ont., March 25, a daughter (Jeannette Margaret Rombough). Mr. and Mrs. Froese reside at R.R. 1, Bath, where Mr. Froese is a student minister for the United Church of Canada.

Gade—To Dr. K.T. Gade, Med. '71, and Mrs. Gade, Palmerston, Ont., August 13, a son, brother for Laurie. First grandson for E. Rae Stuart, Arts '38, M.A. '39.

Goodes—To Mel R. Goodes, Com. '57 (M.B.A., Chicago), and Mrs. Goodes, Mexico City, August 15, a son (David Russell), brother for Melanie and Michelle.

Gray—To Sandy Gray, Arts '65 (M.Ed., Toronto), and Mrs. Gray (B.A., Toronto), Toronto, Ont., August 24, a son (Geoffrey Scott).

Green—To Terry C. Green, Sc. '66, and Mrs. Green, Sarnia, Ont., June 20, a daughter, (Kristen Louise).

Hale—To Richard Gordon Hale, Com. '69, M.B.A. '70, and Mrs. Hale (H.D.H.), St. Catharines, Ont., April 29, a son (Michael David), first grandson for George M. Hale, Sc. '45, M.Sc. '47, and Mrs. Hale (Mary Conner), Arts '45.

Hazell—To Dr. John E. Hazell, Arts '55, M.A. '57 (Ph.D., Leeds), and Mrs. Hazell (Mary Gibbs), N.Sc. '56, Montreal, Que., September 30, a daughter (Margaret Mary), sister for Evan, Elizabeth, Anne, and Rebecca.

Jefferies—To Dr. John Jefferies, Med. '70 (B.Sc., McMaster), and Mrs. Jefferies, Don Mills, Ont., May 18, a daughter (Kristin Aimee Louise), sister for David.

Johnson—To David W. Johnson and Mrs. Johnson (Gudrun Mandler), Arts '69 (M.A., Toronto), August 26, a son (Kevin David). Mr. and Mrs. Johnson live at 79 Ulm-Mahringen, Hauptstrafs 37, West Germany.

Johnson—To Dr. Donald Johnson, Med. '66, and Mrs. Johnson, Ottawa, Ont., September 19, a son (Paul Matthew), brother for Michael and Christopher. Dr. and Mrs. Johnson reside at 1747 Playfair Dr., Ottawa, Ont. K1H 5S4.

Kalbfleisch—To Edward Kalbfleisch (W.L.U.), and Mrs. Kalbfleisch (Marilyn Hutchinson), Arts, P.H.E. '63, Mississauga, Ont., September 16, a son (Peter John), brother for Jeffrey.

Kane—To Greg Kane, Arts '66 (LL.B., Ottawa), and Mrs. Kane (Liz Love), Arts '67, Toronto, Ont., August 1, a son (Graeme Baxter).

Krivan—To Carl Krivan and Mrs. Krivan (Mary Rodger), Arts '69, Sault Ste. Marie, Ont., October 12, a son (Scott Rodger). Mr. and Mrs. Krivan live at 39 Joel Court, Sault Ste. Marie, Ont.

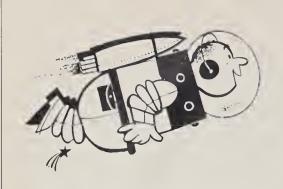
Leverette—To Dr. John S. Leverette, Med. '69, and Mrs. Leverette (Marilyn White), Arts '68, Kingston, Ont., May 11, 1971, a daughter (Megán Caryl). Dr. and Mrs. Leverette live at 3/33 Glen Castle Rd., Kingston, Ont.

MacKinnon—To Dhonald W. MacKinnon, Sc. '65, and Mrs. MacKinnon (Sally Watters), N.Sc. '68, Montreal, Que., August 5, a son (David Leslie John). Mr. and Mrs. MacKinnon reside at 536 Westhill Ave., Beaconsfield 880, Que.

McNeil -To R.J. McNeil (Western), and Mrs. McNeil (Sandra Robertson), Arts '64, Stouffville, Ont., June 12, a son (Angus James).

McQuarrie To Owen McQuarrie (LL.B., U.B.C.), and Mrs. McQuarrie (Marilyn Bateman), Arts '63, Vancouver, B.C., August 24, a son (Ross Owen), grandson for Dr. J.H. Bateman, Med. '35, and Mrs. Bateman (Helen Leslie), Arts '35. Mr. and Mrs. McQuarrie live at 11413 Bond Blvd., Sunshine Hills, Delta, B.C.

Murray To Bruce C. Murray (B.A., Toronto), and Mrs. Murray (Helen Vanstone), Arts



MOVING?

If you are about to change your address or have just done so, please cut off the address label from your copy of the Review and mail it, along with the following information, to:
Alumni Office,
Students' Memorial Union,
Queen's University,
Kingston, Ont.

NAME

DEGREE/YEAR
NEW ADDRESS (include Postal Code where applicable)
ANY NEWS about you we should have in the Review? (Births, marriage, promotion, honours, change of job etc.)

'68, St. Catharines, Ont., August 2, a daughter (Chandra Elspeth).

Otto- To Dr. Lawrence W. Otto, Med. '68 (B.Sc., Toronto), and Mrs. Otto, Whitehorse, Yukon, September 22, a son (Ian Lawrence).

Pachal To Robert C. Pachal, M.B.A. '71 (B.Eng., R.M.C.), and Mrs. Pachal (K.G.H.), Ottawa, Ont., February 10, a daughter (Shannon Lynn), sister for Michael, first granddaughter for H.W. Manchester, Arts '51. Mr. and Mrs. Pachal reside at 135 Clements Rd., Ajax, Ont.

Partridge--To John M. Partridge, B.Sc. (Arts) '66, and Mrs. Partridge, London, Ont., May 23, a son (David Andrew Bradley), brother for Jennifer Anne. Mr. and Mrs. Partridge live at 202 Homestead Cresc., London 71, Ont.

Petrie To J. Bruce Petrie, Com. '66, and Mrs. Petrie (Pat Barefoot), Arts '66, Markham, Ont., April 27, a son (Matthew Bruce).

Reid—To David E. Reid, Sc. '65 (M.A.Sc., Toronto), and Mrs. Reid, Toronto, Ont., July 24, a daughter (Lindsay Catherine).

Scott To Dr. Hugh M. Scott, Med. '61, and Mrs. Scott, Montreal, Que., September 28, a son.

Scott -To Ronald R. Scott (B.Sc., Guelph), and Mrs. Scott (Elaine Robertson), Arts '64, R.R. 2, Norwood, Ont., May 10, a daughter (Kerstin Anne), granddaughter for J. Harvey Robertson, Arts '48.

Sinclair—To John H. Sinclair and Mrs. Sinclair (Sandra French), Arts '63, Niagara Falls, Ont., August 19, twin sons (John Fraser and Jeffrey Paul).

Turton—To Bob Turton, Sc. '67, M.Sc. '69, and Mrs. Turton, Mississauga, Ont., August 13, a son (Maxwell Robert).

Vince To Albert J.G. Vince and Mrs. Vince (Wenda Mae Schlichter), Arts '71, Kingston, Ont., August 17, a son (John William).

Waal—To Jim C. Waal, Arts '64, and Mrs. Waal, Ottawa, Ont., September 15, a son (Jeffrey James).

Walker—To Dr. David M.C. Walker, Med. '71, and Mrs. Walker (Lynn Kaufman), Arts '71, Kingston, Ont., September 18, a son (Charles).

Weston—To Peter S. Weston, Sc. '67, and Mrs. Weston (Catherine Cook), Arts '68, Exshaw, Alta., May 12, a son (Scott Peter).

Whitla To Dr. Alex Whitla and Mrs. Whitla (Margaret Elliot), Arts '62, Sackville, N.B., March 4, a son (Christopher John), brother for David and Robbie.

Wigle To Kenneth Nicholson Wigle, Sc. '70, and Mrs. Wigle (Carol Marks), Arts '70, Mississauga, Ont., October 17, a son (Jeffrey Scott Nicholson). Mr. and Mrs. Wigle live at 50 Paisley Blvd. W., Apt. 407, Mississauga, Ont.

Winslow - To Daniel R. Winslow, Sc. '66, and Mrs. Winslow (Heather L. Morrison), N.Sc. '67, Peoria, Ill., December 27, 1971, a son (Peter Daniel), brother for Tara Lyn.

Marriages

Bawden-Gallie—At Toronto, Ont., June 14, Elizabeth Ann Gallie, B.Sc. (Arts) '72, to William Frederick Bawden, Sc. '70 (M.Sc., Illinois). Mr. and Mrs. Bawden may be reached c/o Acres Consulting Services, 5259 Dorchester Rd., Niagara Falls, Ont.

Bond On July 22, in Islington, Ont., Barbara Jane Babcock (B.A., Western), to David St. Clair Bond, Arts '70. Mr. and Mrs. Bond are residing at 103 Erie St., Kingsville, Ont.

Bower—On June 24, London, Ont., Sharon Yvonne Johnston to Robert Barry Bower, Sc. '66 (M.B.A., Western). Mr. and Mrs. Bower reside in Halifax, N.S.

Bresee-Donovan—In Kingston, Ont., May 20, Colleen Anne Donovan, Arts '73, to Carl Edwin Bresee, Arts '72. Mr. and Mrs. Bresee live in Toronto, Ont.

Chisholm—In Willowdale, Ont., Susan Mary Chisholm, Arts '72, to Michel Verdurand. Mr. and Mrs. Verdurand reside at 4 Rue Nestor Cornier 38100, Grenoble, France.

Clarkson-Duffield —On August 28, 1971, in Ottawa, Ont., Marsha Duffield, Com. '71, to Peter Clarkson, Com. '71 (M.B.A., York). Mr. and Mrs. Clarkson live at 904 - 130 Rosedale Valley Rd., Toronto 5, Ont.

Cruickshank—On July 15, in Quebec City, P.Q., Marie Nicole to James Cruickshank, Sc. '68, M.Sc. '70. Mr. and Mrs. Cruickshank reside at 3468 Rue Maricourt, Apt. 24, Ste Foy, Que.

Druce-Misner—On August 19, in Brantford, Ont., Marilyn G.A. Misner, B.Sc. (Arts) '72, to Donald J. Druce, Sc. '71. Mr. and Mrs. Druce reside at 605 - 20 Tremont Dr., St. Catharines, Ont.

Goodwillie—In Ottawa, Ont., June 17, Carolyn Goodwillie, P.H.E. '70, Ed. '71, to Dr. J. Peter Rowan (M.D., Ottawa). Included in the wedding party were Sue Campbell, Arts, P.H.E., '70, Ed. '71; Heather Ogle, Arts '69, P.H.E. '70, Ed. '71, and Gayle Preston, Arts '70. Dr. and Mrs. Rowan live at 10 McNairn Ave., Toronto, Ont.

Hackett—In Toronto, Ont., June 24, Ruth E. DeRoche (B.A., Western), to Terrance T.R. Hackett, Arts '71. Included in the wedding party were Mrs. Brian Harris (Valerie Bauman), Arts '70, Tim Davis, Arts '70, and Richard Boxer, Arts '71. Mr. and Mrs. Hackett live at 4115 Cote des Neiges Rd., Montreal 109, Que.

Hadrovic-Perkins On July 15, at Kemptville, Ont., Elizabeth Perkins, Arts '70, to 1. John Hadrovic, Sc. '69. Mr. and Mrs. Hadrovic live at 3702 Ellengale Dr., Mississauga, Ont.

Hall In Ottawa, Ont., August 26, Pamela Marion Williams to Grant Orlan Hall, Ed.

72 (B.Sc., Carleton). Mr. and Mrs. Hall reside in Mattawa, Ont.

Kindle On August 19, in Winnipeg, Man., 1.orraine V. Vooch to Dr. Geoffrey F. Kindle, Med. '70. Dr. and Mrs. Kindle are residing at Apt. 313, 2600 Portage Ave., Winnipeg 12, Man.

Lane—On August 26, in Sudbury, Ont., Maritta Nieminer (B.A., Waterloo), to Frederick F. Lane, Sc. '71. Mr. and Mrs. Lane live at 1147 Ramsey View Court, Apt. 320, Sudbury, Ont.

Lockett -On October 7, in Morgan Memorial Chapel at Queen's, Trudi Jansen (K.G.H.) to Dr. L. John (Jocko) Lockett, Med. '66. Dr. Lockett is a pathologist at the Straub Clinic, Honolulu. The Locketts live at 920 Ward Ave., Apt. 6H, Honolulu, Hawaii 96814.

Macdonald-McMaster—On May 13, Heather M. McMaster, Com. '70, to James A. Macdonald, Com. '70, M.B.A. '71. Included in the wedding party were Dr. George Winters, Med. '71 and Mrs. Winters (Virginia Wurn), Med. '70.

Marshall-Fleming—In Frankford, Ont., August 5, Linda Mae Fleming, Arts, Ed. '71, to William Albert Marshall, Sc. '71. Included in the wedding party were Sharon Sweet, Arts, Ed. '71, Wendy Bullock, Arts '71, Theol. '73. Mr. and Mrs. Marshall reside at 302 - 916 Memorial Dr. N.W., Calgary, Alta.

McCance-Stevenson—On June 24, in Bell's Corners, Ont., Sandra Jane Stevenson, B.Sc. (Arts) '72, to John Alex McCance, Sc. '70. Mr. and Mrs. McCance are residing in Toronto where Mr. McCance is a geophysical engineer with the newly formed geological branch, Ministry of Natural Resources.

McLean-Johnson - On July 1, in Morgan Memorial Chapel, Elizabeth (Beth) May Johnson, Arts '70 (M.L.S., Western), daughter of A. Allan Johnson, Com. '48, to Keith Dunbar McLean, Arts '70 (M.Sc., McMaster). Derek McLean, Arts '73, was best man for his brother. Mr. and Mrs. McLean are presently residing at 7 St. Simon's Ave., London S.W. 15, England.

Morrish-Messer On August 26, Patricia Anne Messer, Arts '73, to Ronald Graham Morrish, Arts '72 (B.Ed., Lakehead). Mr. and Mrs. Morrish live at 215 Glenridge Ave., Apt. 305, St. Catharines, Ont., where Mr. Morrish is a special education teacher at Power Glen School.

Neill-Metcalfe—In Toronto, Ont., July 29, Margaret Ann "Peggy" Metcalfe, Arts '73, to William Neill, Com. '72. Mr. and Mrs. Neill live at 58 Bayshore, Dr., Apt. 401, Ottawa, Ont.

Owram-Walton In Ottawa, Ont., June 10, Deborah Ann Walton, Arts '73, to Douglas R. Owram, Arts '70, M.A. '72. Mr. and Mrs. Owram live in Toronto, Ont.

Powell In Ottawa, Ont., August 5, Marion Anne Powell, Com. '64, daughter of William W. Powell, Arts '42, to George William Conroy. Included in the wedding party were Mrs. W.M. Evans (Barbara Parker), Arts '65, Mrs. J.W.N. Thomas (Susanne Passy), B.Sc. (Arts) '64, and Mrs. George W. Crothers (Mary Archibald), Arts '68. Mr. and Mrs.

Conroy live at 38 Eleanor Dr., Apt. 2, Ottawa, Ont.

Reid In Guelph, Ont., on June 19, 1971, Mary Lynn Reid, Arts '66, daughter of Gordon Reid, Arts '38, and Mrs. Reid (Jessie MacKinnon), Arts '41, to Lorenzo Rossi. Don Reid, Arts '69, M.A. '71, was groomsman. Mr. and Mrs. Rossi live in Rotterdam, The Netherlands, at Jacob vanCampenweg 10, Alexanderpolder.

See-Starnaman—At Kingston, Ont., August 12, Judith May Starnaman, Arts, Ed., '72, to David Edmund See, Arts '73. Mr. and Mrs. See live at 316 Westdale Ave., Apt. 4A, Kingston, Ont.

Shand—In Toronto, Ont., August 11, Janice C. Shand, Arts '72, to Richard Blair Barnhouse (B.P.H.E., Toronto). Included in the wedding party were Anne Stalker, Arts '72, Sheila Petzold, Arts '72, Nancy Macken, Arts '72, and Heather Hume, Arts '72. Mr.

and Mrs. Barnhouse reside at 2233 Hurontario St., Apt. 704, Mississauga, Ont.

Sheffield-Milligan On August 12, in Kingston, Ont., Myrna Claudia Milligan, Arts, Ed. '71, to Ronald William Sheffield, Ed. '71 (B.Math., Waterloo). Mr. and Mrs. Sheffield live in Richmond, Ont.

Shelley-Robinson On September 2, in Kineardine, Ont., Jennifer A. Robinson, Arts '73, to Gabriel C. Shelley, Sc. '72. Mr. and Mrs. Shelley reside at 156 Sherwood Ave., Box 421, Amherstview, Ont.

Sutherland At Westmount, Que., August 19, Elizabeth A. Sutherland, B.Sc. (Arts) '72, to Lt. Philip Weston Somers (R.M.C.). Mr. and Mrs. Somers reside at 1092 - 5th Ave. N.E., Moose Jaw, Sask.

Vince On June 3, in Kingston, Ont., Marsha Ann Paterson to William E.M. Vince, Arts '66, Law '70. Mr. and Mrs. Vince live at 12 Elm St., Picton, Ont.

Deaths

O.G. Alyea, Sc. '13, Trenton, Ont., August 17, retired in 1961 as owner and manager of B.W. Powers & Son Ltd. Miss Jean B. Alyea, Arts '55, is a daughter.

John A. Bell, B.Sc. '24, B.Sc. '25, London, Ont., August 26; retired as president of De Shane Limited, an electrical construction business. He is survived by his wife, the former Doris A. Heron, Arts '27. Mrs. H.A. Briden (Barbara Bell), Arts '57, P.H.E. '58, is a daughter.

Mrs. Douglas Bews (Janet Irene Toole Otto), B.A. '15, Gananoque, Ont., September 6. Among the survivors are her husband, Douglas Bews, Sc. '14, stepchildren, David M. Bews, Sc. '56, and Mrs. Bernard Wand (Barbara Bews), Arts '49 (A.M., Cornell, Ph.D., Toronto).

Harry Buckles, Sc. '34, Toronto, Ont., August 8. A senior mining engineer with Phelps Dodge Corp. of Canada; previously he had played a major role in the development of

Elliot Lake. As a key figure in the Joubin-Hirshhorn organization, the Buckles uranium mine was named after him. His first wife, the former Ruth Shaver, Arts '29, M.A. '31, predeceased him in 1961. Among his survivors are his second wife, three daughters and a son.

John E. Crawford, Arts '39, Kingston, Ont., September 23.

John Edgar L. Croly, B.Sc. '33, Barrie, Ont., July 19; formerly with the public relations department of Northern Electric Co., Ottawa, Ont.

J. Allan Donnell, Arts '09, Ottawa, Ont., October 16; retired civil servant.

Dr. Ross M. Fergusson, M.D. '10, Smiths Falls, Ont., May 3, 1971.

Richard S.G. Gooday, B.A. '40 (M.Ed., Toronto), Toronto, Ont., September 3; former principal of Western Technical Commercial School, Toronto, Ont.

W.C. Froats

Willis Charles Froats, M.A. '04 (B.Paed., Toronto), died at Brockville, Ont., on July 21, at the age of 99. He was 13th on the seniority list of living Queen's graduates.

Mr. Froats was a teacher of classics and also served as a public school inspector of Carleton and Lanark Counties 1910-19, and during this period was secretary of the Ontario Teachers Federation.

In 1922 he joined the staff of Waterloo College and had the pleasure of building the institution from 13 students, some of them not matriculated, to 102 fully qualified junior and some of them senior matriculants.

As Principal of the College he was a member of Senate of the University of Western Ontario,



W.C. FROATS



NEIL GOW (PAT) STEWART

Neil Gow (Pat) Stewart, B.A. '11, B.Sc. '15, died at Kingston, Ont., on October 18, aged 82.

A native of Renfrew, Ont., Mr. Stewart enrolled at Queen's in 1907. At the outbreak of war in 1914 he enlisted as a corporal with the Queen's Engineers (2nd contingent). He served in France with the 7th Field Company and the 446th Field Company, Royal Engineers, with the rank of Lieutenant. He returned to Canada in 1919. For many years he was a bridge designer and then for 24 years he served as waterworks engineer with the city of Toronto. After his retirement he came to Kingston and was in charge of the Placement Office at Queen's for six years.

He was predeceased by his wife, Maude Caroline Chalmers, Arts '14, and a son, W.N. Stewart, Arts '50. Survivors include a daughter, Joan, Arts '50 (Ph.D., Toronto), and a son lan, Arts '53, M.A. '54 (Ph.D., Cornell).



JUDGE E. AINSLIE WRIGHT

Fifth on the seniority list of living Queen's graduates, Judge Edgar Ainslie Wright, Q.C., B.A. '01, died at Bracebridge, Ont., October 4, in his 96th year.

After graduating from Queen's Judge Wright worked in an insurance office in Chicago for two years and then enrolled at Osgoode Hall where he obtained his law degree. He was called to the Bar of Ontario in 1907 and subsequently practised law at Haileybury, Ont., Edmonton, Alta., and Renfrew, Ont. He was appointed a King's Counsel in 1935. He was made a Judge in the District of Muskoka, where he served until his retirement.

Judge Wright's wife died in 1971. Survivors include a son, a daughter, and a brother, W. McK. Wright, Q.C., Arts '13.

Robert Edwin Hoult, B.Sc. '48½, Mississauga, Ont., in a motor accident, July 5. Mr. Hoult was president of Charles Tennant & Co. (Canada) Ltd., Weston, Ont. Among the survivors are his son Jarvis L. Hoult, Arts '73.

Mary Mildred Hyde, extramural student, Brockville, Ont., April 4; elementary school teacher and a life-long resident of Brockville. Mrs. F.C. Grant (Martha Cameron), Arts '69, is a niece.

Rev. Roderick Colin Jackson, Arts '06, Theol. '09 (B.D., Union Theological Seminary, N.Y., D.D., Southwestern College, Kansas), Stillwater, Okla., June 6; Presbyterian minister.

Rev. T.J. Jewitt, B.A. '06, Brampton, Ont., August 26; United Church minister.

Vincent Joseph Koen, B.A. '48, Toronto, Ont., October 1; manager of the Kingston office of New York Life Insurance.

Dr. Arthur Lipman, M.D. '11, Toronto, Ont., October 12.

J.E. McDonough, Sc. '22, Haileybury, Ont., August 15; retired manager of Cobalt Products, Cobalt, Ont.

Anna May MacIntyre, B.A. '29, Willowdale, Ont., August 28.

Dr. William Edwin Millard, M.D., C.M. '36, McDonald's Corners, Ont., general practitioner, October 18. Mrs. A. Brown (Ethel Millard), Arts '35, is a sister.

Wilbert Henry Norrish, B.Sc. '12, Ottawa, Ont., September 26; retired in 1962 as technical and executive assistant to the director of the Mines Branch, Department of Mines and Technical Surveys.

Dr. C. Stewart Parsons, B.Sc. '13, Kentville, N.S., September 7. Retired in 1951 as director of the Mines Branch, Department of Energy, Mines and Resources. After retirement he served as a consultant to Eldorado Mining and Refining. In 1953, Dr. Parsons received the honorary degree of Doctor of Engineering from the C.D. Howe School of Engineering, Dalhousia University.

DR. R.H. ANGROVE

Dr. Richard Harvey Angrove, M.B. '16, died at the Queen Mary Veterans' Hospital, Montreal, Que., on August 25, in his 81st year.

A native of Kingston, Ont., Dr. Angrove received his medical degree from Queen's in 1915 and went overseas with the Royal Canadian Army Medical Corps the following year.

He joined the staff of Ste. Anne's Hospital in Ste Anne de Bellevue, Que., in 1920 and was named medical superintendent in 1929. He held that post until 1942 when he left administrative duties to resume work in the hospital's department of psychiatry. He retired in 1957.

His work on behalf of Canadian war veterans was recognized in 1953 when he was awarded the Coronation Medal.

Dr. Angrove is survived by his wife, formerly Vera Dix, Arts `16, and two sons:

MEMORIAL FUND HONOURS JOANNE HOOBIN, Ed.'71

A memorial fund has been established in the name of Joanne Hoobin, who graduated from the Faculty of Education in 1971 and who died in an automobile accident this past summer. The fund was initiated with the proceeds of an October production called "A Child Growing Up," a dramatic anthology devised by and starring Prof. David Kemp, head of Theatre Arts at the Faculty of Education.

Mrs. Hoobin taught Theatre Arts at Thousand Islands Secondary School in Brockville, Ont. The fund named for her will be divided among innovative high school drama groups in both Brockville and Kingston.

Charles U. Peeling, B.Sc. '09, Mechanicsburg, Pa., August 21. Retired in 1948 as superintendent of operations for Pennsylvania Power & Light Co. Owner-grower of Peeling's Pennsylvania Pines.

Dr. James Stuart Prentice, B.A. '20, M.A. '27 (Ph.D., Chicago), Carlisle, Pa., July 26. Professor emeritus of Middlebury College, Middlebury, Vt. After retirement he became a visiting professor at Dickinson College in Carlisle. He is survived by his wife, the former Margaret MacDonald, Arts '19.

Alan Edward Scott, B.A. '43 (Phm. B., Toronto), Ottawa, Ont., June. Among the survivors are his half-sister, Mrs. A.H.A. Maloney (Judith Ann Scott), N.Sc. '67. He was predeceased by his sister, Mrs. C.R. MacDowall (Marjorie Scott), Arts '28.

Dr. Ernest Steblen, M.D. '21, Pittsford, N.Y., August 22; director of the Wassaic State School for 35 years.

Dr. Keith Bennett Suddaby, M.D., C.M. '22, Kingston, Ont., pediatrician, September 15. Appointed part-time physician at Joyceville Penitentiary in 1959; medical officer of health for Pittsburgh Township for many years.

Robert William Surgenor, B. Com. '47, Ottawa, Ont., October 20; president, Surgenor Pontiac-Buick, in a motor accident. Among his survivors are his wife, the former Maureen Armstrong, Arts '47, and a daughter, Diane Surgenor, Arts '74.

Mrs. J.W. Sutherland (Dorothy May Shannon), B.A. '25, Ottawa, Ont., October 8. Her husband, John Wilfrid Sutherland, Arts '22, predeceased her.

Alexander P. Tisdall, Q.C., B.A. '38, Aylmer, Ont., August 15. Partner in the law firm of Tisdall & Por, St. Thomas, Ont. Robert A.C. Tisdall, Arts '66, is a son.

George P. Wigle, B.Sc. '35, Ottawa, Ont., October 21; mining engineer, Department of Energy Mines & Resources, Ottawa. Among the survivors are his two sons, Gordon R. Wigle, Sc. '63, and Dr. Ronald Wigle, Med. '65. Dr. William W. Wigle, Med. '43, is a brother

John Conway Zavitz, B.Sc. (Arts) '72, Islington, Ont., May 6.

Notes

1910-29

Dr. Orville E. Ault, Arts '24 (Ph.D., Edinburgh), who after a long and much-travelled career as Canadian soldier, civil servant and diplomat retired in Ottawa, is the author of a new novel "Johnny Transplant." Dr. Ault's second book is a tale of the first partial brain transplant and its complications and ramifications.

R. Gordon Brown, Arts '20, and Mrs. Brown (Ina Bigford), Arts '23, 9 Melville Cres., Brampton, Ont., celebrated their golden wedding anniversary on July 24 with dinner at the Westbury Hotel in Toronto. Among those present were their four children and eight grandchildren; Dr. Ray Bigford, Med. '23, Maple, Ont., Sidney V. Perry, Sc. '23, and Mrs. Perry (Hazel Bigford), Arts '23, Cherry Hill, N.J. Mr. and Mrs. Brown were married in Kingston at the parsonage of Sydenham St. Methodist Church.

H.O. Bulmer, Arts '27, Sc. '29, has retired after more than 35 years of service with British Columbia Hydro. Since 1959 he has been the utility's administrative engineer in charge of special projects. Mr. and Mrs. Bulmer live at 2181 West 38th Ave., Vancouver, B.C.

Mrs. W.L. Donohue (Florence Mitchell), Arts '29, Toronto, Ont., retired last year after 20 years of teaching, five of them as Head of Latin at Downsview Secondary School.

Mrs. L.D. Fallis (Reba MacArthur), Arts '12, lives at 3208 Lamesa Place, Fort Worth, Texas 76109.

Dr. M. David Graham, Arts '13, Med. '14, Ottawa, Ont., is planning to retire this year at the age of 81. Apart from service in the First and Second World Wars as a medical officer in the R.C.A.M.C. and in the same capacity with the Department of Veterans Affairs, he has been a family doctor for more than half a century. "Queen's should be proud of this outstanding graduate," was the comment in a feature article on Dr. Graham which appeared in a recent issue of the *Ottawa Journal*.

Horace G. Lockett, Arts '12, who served as master at Hamilton Teachers' College from 1920-60, lives at 392 Codrington St., Barrie, Ont.

Mrs. J.Y. MacKinnon (Eileen Wright), Arts 12, lives at 537 Colborne St., London 14, Ont.

George E. Marshall, Arts '19, retired principal of Patterson Collegiate Institute, Windsor, Ont., now resides at 470 George St. S., Apt. 715, Peterborough, Ont.

Rev. Dr. James D. McCrae, Arts '12, B.D. '16 (D.D., United Theological College, Montreal), is retired and living at Albright Gardens, Beamsville, Ont.

H.P. Salter, Com. '23, and Mrs. Salter (Flossie Gray), Arts '22, live at 23 Shore Acre Drive, Old Greenwich, Conn. 06870.

William E. Shales, Arts '12, M.A. '13, Paed. '18, retired high school teacher, lives at 215 Church St., Weston, Ont.

C.B.Willis, Arts '12 (M.A., Columbia; D. Paed, Toronto), is retired and living at Apt. 2, 1163 Oscar St., Victoria, B.C.

1930-39

Dr. Walter F.C. Ade, Arts '33 (B.Paed., M.A., Toronto; M.Sc.Ed., Ed.D., Indiana; Ph.D., Northwestern), Professor of Modern Languages and Education, Purdue University, and his wife spent the month of August on an extended vacation. They motored from Chicago to Florida and toured the state. Later they stayed for a week at the Desert Inn, Miami Beach, and then boarded the Norwegian luxury flagship M/S Southward for a 15-day Caribbean cruise. After visiting nine Caribbean Islands and also LaGuaira and Caracas in Venezuela, they returned from their holiday early in September.

Frank E. Anderson, Com. '33, Arts '34, formerly director general of contracts and director general of finance in the federal government's Department of Supply and Services, has been appointed consulting associate for Hickling-Johnston Ltd., Ottawa, Ont.

A.J. Bonney, Sc. '35, chief engineer of The Quaker Oats Company of Canada Ltd., Peterborough, Ont., has retired to inactive service, and will be handling only some specific assignments until normal retirement date. His 37 years with the company have been in the engineering field.

C.S. Burchill, Arts '30, M.A. '31 (B.Sc., London), is emeritus professor of history and economics at the Canadian Services College, Royal Roads, B.C. He was formerly professor of history and economics and head of the department and he was also Dean of Arts. Mr. Burchill lives at 101-240 Douglas St., Victoria, B.C.

James A. Camelford, Sc. '33, retired as president of Dominion Fabrics Ltd., and has joined Canadian Executive Service Overseas with the first assignment in Mexico City.

R.J. Chambers, Sc. '33, M.Sc. '35, chief engineer of Anglo-Canadian Pulp and Paper Co., Quebec, P.Q., retired on October 1.

A.J.E. Child, Com. '31 (M.A., Toronto), president and chief executive officer of Burns Foods Ltd., Calgary, Alta., has been elected a director of Alberta Gas Trunk Line Co. Ltd., Pan-Alberta Gas Ltd., Revelstoke Companies Ltd., and Stafford Foods Ltd.

A.G. Farquharson, Sc. '30, Westmount, Que., president and chief executive officer of Texaco Canada Ltd., has retired after more than 41 years of service with the company. Mr. Farquharson will continue as a director.

Oliver T. Flint, Arts '34, Guelph, Ont., retired in June after 37 years of teaching, the last 27 at Guelph Collegiate Institute. He has been named to the Queen's Honour List as

"Officer Brother in the Order of St. John," as a reward for service to St. John Ambulance, and in November went to Ottawa to be invested into the Order by the Governor-General.

A.E. Hyde, Sc. '37, retired as head of the fabricating technique division of Aluminium Laboratories Ltd., Kingston, Ont., at the end of 1971. He is now on the staff of Engineering Drawing at Queen's.

W.S. Lavell, Arts '30, M.A. '32, Woodstock, Ont., has written a history of the Woodstock Y.M.C.A. entitled *All This Was Yesterday*. It covers the years 1868 to the present.

J. Elmer Lick, Arts '39, retired in 1968 after 41 years as a teacher, 39 of which were spent with the Toronto Board of Education. From June to September, Mr. and Mrs. Lick reside at 530 Castlefield Ave., Toronto 340, Ont., and from October to May at Myakka River Manor, 554 Blackburn Blvd., Venice, Florida 33595.

Orian Low, Q.C., Arts '34, Ottawa, Ont., senior partner in the law firm of Low Murchison Burns Thomas & Haydon, has been appointed chairman of the Ottawa Gas executive board.

David P. Melville, Arts '39 (M.L.S., Western Reserve), is on the staff of Crossroads Centre as a councillor and social worker, a semi-government agency for rehabilitation for men. Mr. Melville resides at 331 State St., Erie, Pa. 16507.

Dr. Douglas E. Smith, Arts '33, M.A. '34 (Ph.D., Harvard), has resigned as Dean of Arts and Science at the University of Alberta, a position he had held since 1957. He remains at the University as Professor of Psychology, but is now on sabbatical leave until July 1, 1973. For the greater part of this leave he will be in England at the Department of Psychology of University College, London. On return to Alberta he will hold a joint appointment as Professor in the Department of Psychology and counsellor in Student Counselling Services.

1940-49

Dr. Irwin W. Bean, Med. '43 (B.A., Sas-katchewan), has been appointed family physician-in-chief (head of the department of family and community medicine), Wellesley Hospital, Toronto, Ont. Dr. Bean is also an assistant professor at the University of Toronto.

W.C. Benger, Sc. '47, Westmount, Que., vice-president, technology, Northern Electric Company Ltd., has been appointed president, Nevron Industries Company Ltd., a venture-capital subsidiary formed recently by Northern Electric.

James L. Boyd, Sc. '48, Arts '52, head of mathematics at Loyalist Collegiate and Vocational Institute, Kingston, Ont., has been appointed lecturer in mathematics in Queen's Faculty of Education.

F.S. Brown, Sc. '46, Brantford, Ont., has been appointed executive vice-president, corporate operations, KecpRite Products Ltd.

D.M. Chown, Arts '49, a teacher of business subjects at Loyalist Collegiate and Vocational Institute, Kingston, Ont., has been named Commander of Canadian Forces Reserve Barracks, Kingston. He holds the rank of Captain (Sea Reserve). Previously he had served as commanding officer of the Queen's University Naval Training Division and commanding officer of H.M.C.S. Cataraqui.

Donald Collins, Arts '48 (M.Com., Toronto), has been appointed chairman of the Regional Municipality of Sudbury. His former positions include those of Deputy Minister of Industry and Tourism, chairman of the Ontario Water Resources Commission, chairman of the Civil Service Commission of Ontario, and Deputy Minister of Transport.

Dr. Jack R. Cooper, Arts '48 (Ph.D., George Washington), professor of pharmacology at Yale University, has been invited to give a course on The Biochemical Basis of Neuropharmacology at Hebrew University in Jerusalem.

Mrs. S.S. Flaschen (Joyce Davies), Arts '46 (M.S., Miami of Ohio), is an applications chemist with The Perkin-Elmer Corporation, Norwalk, Conn., which deals in sophisticated analytical instrumentation and optics. She and her husband, Dr. S.S. Flaschen, a corporate vice-president for International Telephone and Telegraph in New York, live at 195 Putnam Road, New Canaan, Conn. 06840. They have four children, the oldest of whom has just graduated from Brown University and is now enrolled at New York University Medical School.

Willis B. Glenn, Arts '48 (M.Ed., Ottawa), has been appointed assistant superintendent of schools with the Windsor Board of Education.

Dr. James M. Harrison, M.A. '41, Ph.D. '43, LL.D. '67 (B.Sc., Manitoba), Ottawa, Ont., has been appointed assistant director-general for environmental and natural sciences with the Paris-based United Nations Educational Scientific and Cultural Organization. Dr. Harrison has taken a three-year leave of absence from his current position as senior assistant deputy minister of the Energy Department.

George T. Jones, Sc. '48½, has been appointed manager, maintenance division, refining department, Texaco Canada Ltd., Don Mills, Ont. Mr. Jones resides at 95 Fred Varley Dr., Unionville, Ont.

J.A. M. Lynch, Sc. '41, formerly director of manpower programming and control, Canadian Forces, Ottawa, has joined Digital Methods Ltd., Ottawa, Ont.

QUEEN'S LODGE IS HOST

Queen's Lodge 578 was the host when a delegation of the Canadian Masonic Research Association visited Kingston recently to receive histories of several local lodges. The delegation was headed by John B. Naylor, Sc. '23, Past Grand Master of Quebec and president of the Association. Among the histories were those of Royal Edward 585, presented by E.L. Earl, Arts '30, LL.D. '63, and Queen's 578, presented by J.F. Whiting, Sc. '41.



A.G. Farquharson.



L.C. Secord

John D. Mitchell, Sc. '41, has become manager, central district, Dominion Engineering, Montreal, Que. Mr. Mitchell was formerly manager, marketing and engineering, power cranes and shovels.

A.V. Orr, Sc. '48, has been appointed vice president and assistant general manager of Atlas Steels, the specialty steel division of Rio Algom Mines Ltd. Mr. Orr was formerly vice president, sales and marketing of Atlas Steels.

W.J. Pardy, Sc. '44, Ottawa, Ont., formerly vice-president, sales and marketing, cable and apparatus, Northern Electric Co. Ltd., has been appointed vice-president and general manager, cable and outside plant division.

Stanley Price, Sc. '48, has accepted a position as city manager, City Hall, 4310 Queen St., Niagara Falls, Ont. Mr. Price was formerly city manager in Saint John, N.B.

L.C. Secord, Sc. '45, Toronto, Ont., a partner in the consulting engineering firm of Dilworth, Secord, Meagher and Associates Ltd., has recently been appointed to the Science Council of Canada by the Honourable Alastair Gillespie, Minister of State for Science and Technology.

C.H. Stable, Arts '40, has been appointed head of the legal department of United Funds Management Ltd., 145 King St. W., Suite 2100, Toronto, Ont.

G.P. Taber, Arts '49, Com. '49, is vice-president and secretary of Pan Ocean Oil Corp., and vice-president and director of Pioneer Capital Corp., New York, N.Y.

Hector Tetu, Sc. '42, has been promoted to project engineer, Kerr Addison Mines Ltd., Commerce Court W., Toronto, Ont. Mr. Tetu was formerly with Brenda Mines, Peachland, B.C.

E.A. Walker, Sc. '46 (M.B.A., Harvard), Toronto, Ont., has been elected president of Canadian Gas & Energy Fund Ltd., president of Canadian Security Growth Fund Ltd. and executive vice-president of CSM Japan Fund Ltd.

George D. White, Sc. '44, has been appointed technical superintendent, Alcan Aluminium of Nigeria Ltd., P.O. Box 356, Port Harcourt, Nigeria. He will restart the aluminium sheet rolling mill closed by the civil war. Mr. White was formerly with Aluminium Labs Ltd., England, and spent a brief year back in Canada.

James F. Whiting, Sc. '41, Kingston, Ont., has been elected chairman of the Ontario Educational Communications Authority's

Eastern Ontario regional council. Mr. Whiting is a staff specialist at the research and development laboratory of Alcan International Ltd.

1950-59

Charles R. Collyer, Sc. '52, has been appointed projects manager of Syncrude Canada Ltd. He is residing at 60 Fairway Dr., Edmonton, Alta.

Douglas A. Fretts, Arts '53 (M.Sc., U.S.A.F. Institute Technology), is assistant secretary, industrial research assistance program, National Research Council, Ottawa, Ont. After retiring from the R.C.A.F. in 1969, Mr. Fretts spent two years as chief of operations at National Research Council, Churchill Research Range, Fort Churchill, Man.

J.W. "Mitch" Garrigan, Com. '58, has been appointed president and chief executive officer, Price & Pierce International Inc., New York

David E. Jackson, Sc. '55 (M.Sc., Oklahoma), manager, refinery chemicals, Nalco Chemical Co., Houston, Texas, has been promoted to group manager of the newly formed catalyst and refinery chemicals group.

Michael L. Keegan, Com. '51, C.A., Thornhill, Ont., has been appointed controller of United Co-operatives of Ontario. Mr. Keegan was formerly manager of the data processing and systems department.

John W. Krestel, Arts '55, is presently chief of budget and program control at the National Revenue Taxation Office, London, Ont.

W.R. (Dick) Lunn, Arts '53, Hillier, Ont., is an instructor in journalism at Ryerson Polytechnical Institute, Toronto, and was N.D.P. candidate for the federal riding of Prince Edward-Hastings.

Rev. James McCullum, Arts '59, is now supervisory pastor of the Central Okanagan Region of the Anglican Diocese of Kootenay. Mr. and Mrs. McCullum (Anne Keenleyside), Arts '59, live at 1876 Richter St., Kelowna, B.C.

H. John McDougall, Sc. '54, M.Sc. '57 (L.Th., Wycliffe), has been appointed headmaster of St. David's School For Boys, Box 1040, Squamish, B.C. Mr. McDougall was formerly at Lakefield College School, Lakefield, Ont.

Mrs. R. Miller (Janet Ross), Arts '58, is living at 4029 B Locust St., Great Falls, Montana 59405. She is presently assigned with her husband, Lt. Col. Ronald Miller (Gettysburg College, 1954), at the 24th NO-RAD Defence Region, Malmstown AFB, Great Falls, where Colonel Miller is Senior Weapons Director. The Millers have two children, Susan, 12, and Ronnie, 10.

William P. Nolting, Sc. '58, has been appointed electrical spacecraft engineer, communications technology satellite, Communications Research Centre, Shirley Bay, Ottawa, Ont.

J.D. Palmer, Sc. '55 has relocated his consulting practice in corrosion engineering from

Windsor to 15 Westmoreland Court, London 63, Ont. His practice will be known as J.D. Palmer Associates.

James J. Sherhut, Com. '50, Arts '51, has been appointed vice-president Hudson's Bay Company Developments Ltd. Mr. Sherbut will continue as property and real estate development manager for Hudson's Bay Co. He is located in Toronto, Ont.

Ronald E. Suksi, Sc. '53 has been appointed central area commercial manager for Sun Oil Company Ltd., Toronto, Ont. Mr. Suksi lives at 1585 Broadmoor Ave., Mississauga, Ont.

Rev. Terence T. Whyte, Arts '58 (B.Ed., Toronto, B.D., Emmanuel), is the local government officer for the Department of Indian Affairs in Campbell River, B.C.

Dr. John W. Wilkinson, Arts '50, M.A. '52 (Ph.D., North Carolina), professor and chairman of the operations research and statistics program at Rensselaer Polytechic Institute, Troy, N.Y., has been elected a Fellow of the American Statistical Association. Dr. and Mrs. Wilkinson (Jean Foster), Arts '52 (M.A., Duke, Ph.D., Pittsburg), reside at 2667 Troy Rd., Niskayune, Schenectady, N.Y.

1960-69

Bruce Alexander, Com. '60 (LL.B., Toronto), has taken a one-year leave-of-absence from the law firm of Osler, Hoskin and Harcourt, Toronto, Ont., to serve as executive assistant to the Ontario Minister of Transportation and Communications.

P.T. Banwell, Arts '66, Law '69, is with the firm of Davies, Ward & Beck, barristers and golicitors, P.O. Box 147, Commerce Court West, Toronto, Ont.

Dr. John E. Bardsley, Arts '67, M.Sc. (Arts) 69, Ph.D. '72, has enrolled in the Faculty of Medicine at Queen's University.

David John Batten, Arts '64, B.Sc. (Arts) '65, s a research geologist with Robertson Research International Ltd., "Ty'n-y-Coed", Llanrhos, Llandudno, North Wales.

Phillip C. Bookalam Jr., Com. '68, C.A., has been appointed controller of O.K. Express Co. Ltd. and affiliated companies-Golden Gate Investments and Drivex Leasing. Mr. Bookalam was formerly associated with McDonald, Currie & Co., Toronto, Ont.

W. Derek Bullock, M.Sc. '68, formerly chief engineer, Iron Ore Company of Canada, Schefferville, Que., has joined Dames & Moore, international consultants in earth ciences, as an associate in their Toronto office. Mr. Bullock lives at 57 Shoredale Dr., Scarborough 721, Ont.

Richard F. Burgess, Law '65, has opened his office for the practice of law at 359 George St. N., Suite 11, Peterborough, Ont. Mr. and Ars. Burgess and family reside at 651 Weller St., Peterborough, Ont.

Dr. Rohert A. Campbell, B.Sc. (Arts) '66 Ph.D., Indiana), has accepted a position with he forest products laboratory, Department of Environment, Ottawa, Ont. Dr. Campbell esides at 889 Glasgow Crescent.



M. Corlett



J.W. Wilkinson

Dr. Mabel Corlett, B.Sc. (Arts) '60 (S.M., Ph.D., Chicago), has been appointed assistant professor in the Department of Geological Sciences, Queen's University. Dr. Corlett was formerly a research associate.

Norman J. Cornwell, Sc. '62, and his brother have opened their own business servicing and selling motorcycles. They specialize in competition machines of all types and are involved in various competitions themselves. They are located at 2486 Kingston Rd., Scarborough, Ont.

Michael R. Descent, Com. '68, C.A., is a partner in the firm of Jones, Descent & Till, Chartered Accountants, and may be contacted at 80 Division St., Trenton, Ont.

John E. Downs, Sc. '67, has accepted a position with electronic systems marketing, GTE Automatic Electric (Canada) Ltd., Brockville, Ont. Mr. Downs was formerly with Northern Electric Co. Ltd., Montreal, Oue.

G.A. Edwards II, M.B.A. '68 (B.A., Carleton), has been appointed to the position of investment officer, research, Investors Securities Management Ltd., a subsidiary of The Investors Group, Winnipeg, Man.

Martin F. Emmett, M.B.A. '62 (B.Sc., Witwatersrand), Toronto, Ont., has been appointed group vice-president of Standard Brands Ltd. Mr. Emmett is responsible for all beverage operations of the company, which encompass L.J. McGuinness & Co. Ltd., Calona Wines Ltd., and Vins Calona Inc.

Laurie Fraser, N.Sc. '69 (R.N.), has been appointed executive secretary registrar of the Association of Nurses of Prince Edward Island.

Henry Friesen, Arts '62 (B.Ed., Saskatchewan; M.S.Ed., SUNY, Bulfalo), is assistant professor at the College of Education, Brock University, St. Catharines, Ont.

Paul Gilmour, Arts '65, Principal of Colborne Elementary School, Colborne, Ont., has received his M.Ed. in Educational Administration from the University of Ottawa.

Richard G. Hale, Com. '69, M.B.A. '70, was recently made controller of Rosberg's Department Store in Niagara Falls, Ont. Mr. and Mrs. Hale live at 44 - 151 Parnell Rd., St. Catharines, Ont.

John R. Hancock, Sc. '64, M.B.A. '71, formerly electronics research engineer, EM1 Electronics Canada Ltd., has been appointed a

lecturer with the Department of Community Health and Epidemiology at Queen's University.

Doug Hargreaves, Arts '60, has accepted the position of director of Men's Intercollegiate Athletics, Dalhousie University, Halifax, N.S. He will also be head coach of the football team. Mr. and Mrs. Hargreaves and family extend an invitation to all Queen's graduates to visit anytime they're in the area.

David E. Henselwood, Sc. '68, consulting engineer, has recently joined Clemann, Large, Patterson & Associates, 130 Albert St., Suite 305, Ottawa, Ont.

Peter Howe, Arts '61, and Mrs. Howe (Doreen Hunt), Arts '62, and family are residing at 45 Harefields, Oxford, England until July 1973. Mr. Howe is on sabbatical leave from Trenton High School to study Nuffield science and British educational administrative systems at Oxford University.

Dr. Roger L. Hudgin, B.Sc. (Arts) '67 (Ph.D., Toronto), and Mrs. Hudgin (Moira Courtney), Arts '68, live at 7517-C2 Spring Lake Drive, Bethesda, Maryland 20034. Dr. Hudgin, a biochemist, has taken up a visiting staff fellowship at the National Institutes of Health in Bethesda, Md.

O.A. Johnston, Sc. '65 (M.A.Sc., Waterloo), and Mrs. Johnston (Sharon Collins), Arts '65, reside at 36 Bowshelm Ct., Streetsville, Ont. Mr. Johnston is a senior engineer with W.A. Trow & Associates, soil consultants.

Dale C. Jones, Arts '69, Toronto, Ont., is an elementary school teacher with the Peel County Board of Education.

Dennis Latham, M.B.A. '68, Law '71 (B.Sc., Saskatchewan), has taken a position as barrister and solicitor with Meredith & Co., Vancouver, B.C. Mrs. Latham (Barbara Wigmore), M.A. '70, is on staff at Vancouver City College.

Dr. J. Randolph Lewis, Med. '69, his wife (Linda Burgoyne), Arts '66 (M.A., McGill), and son, are living in Cameroon, West Africa. Dr. Lewis has accepted a position as public health officer with C.I.D.A. They may be reached c/o Wum General Hospital, Wum, Cameroon, West Africa.

Heino Lilles, B.Sc. (Arts) '67, M.Sc. (Arts) '68, Law '71, has been appointed assistant professor, Queen's University Faculty of Law.

Dr. Ian MacDonald, Arts '66 (M.D., Dalhousie), is now in general practice in Fredericton, N.B. Dr. MacDonald, his wife Jane, and their two children Andrew and Jennifer are living at 245 Priestman St., Fredericton.

Dr. Alistair W. MacLean, M.A. '67, Ph.D. '69 (M.A., Aberdeen), has been appointed assistant professor, Department of Psychology at Queen's University.

Dr. Malcolm S. McPhee, Med. '65 (M.Sc., Alberta), CRCS (C), FRCS (C), has established a practice in urology at the Royal Alexandra Hospital in Edmonton. He is also a lecturer in surgery at the University of Alberta. He and his wife, formerly Barbara Hogg, Arts '62, and two children, Tracey Lynn and Joanne Elizabeth, are living at 219

Royal Alex Place, 10106 - 111 Avenue, Edmonton.

Lawrence T. (Larry) Moore, Arts '65, has accepted the position of public relations director, University of Western Ontario in London, Ont. Mr. Moore had been at Queen's for the last seven years, first as assistant director of the university's information service, and since 1967 as director.

Major A.J. Munroe, Sc. '65 (M.Sc., R.M.C.), has recently been promoted to the rank of Major and appointed the design authority for aerospace propulsion systems, Canadian Forces Headquarters, Ottawa, Ont.

Wayne H.Peters, B.Sc. (Arts) '67, M.Sc. (Arts) '69, has joined the consulting firm of Urwick, Currie and Partners Ltd. in their Toronto office. Mr. Peters and his wife (Carole Kenny), Arts '71, and their two daughters reside at 2844 Constable Rd., Mississauga, Ont.

James A. Reicker, Arts '69, resides at 91 Russell Ave., Apt. 8, Ottawa, Ont. Mr. Reicker is a budget and estimate officer with the Department of Public Works, Ottawa.

Mrs. Kenneth Richmond (Margaret Pugh), Arts '64, has been appointed librarian at the Howard-Harwich Moravian Public School, Ridgetown, Ont.

Dr. John S. Rodway, Med. '68, has been appointed associate medical director of The Bankers Life Company, Des Moines, Iowa. Dr. and Mrs. Rodway (M. Emeline Sutherland), N.Sc. '67, Arts '68, live at 2119 Willowmere Dr., Des Moines.

Rev. E. Bruce Ross, Arts '66, B.D. '67, Delta, Ont., has been transferred from the Delta-Toledo pastoral charge to Beaconsfield United Church, 202 Woodside Rd., Beaconsfield, Que.

Wolf Seidler, Sc. '69, has been appointed mine superintendent at Lamaque Mining Co. Ltd., Val d'Or, Que.

Dr. Gavin L. Shanks, Med. '66, FRCP (C), resident, Toronto Western Hospital, has been appointed a lecturer with the Department of Rehabilitation Medicine, at Queen's.

S.H.Sie, Sc. '65, M.Sc. (Arts) '66 (M. Phil., Ph.D., Yale), a Fellow at the NRC's Chalk River Nuclear Laboratory, has been appointed research associate and lecturer, Department of Physics, Queen's University.

Capt. Rod Sieffert, Arts '68, is presently employed as a Communications Officer at a distant early warning radar site on Baffin Island. Capt. Sieffert may be contacted c/o OMS Inc. (Hall Beach), Box 9850, Winnipeg, Man. R3C 3A4

Frederick R. Swaine, Sc. '68, and Mrs. Swaine (Catherine I. Macdonald), Arts '68, reside at 62 Lemarchant Rd., St. John's, Nfld., where Mr. Swaine is employed as systems engineer with IBM.

Dr. E. Allan Symons, Sc. '65, Ph.D. '69, has joined the physical chemistry branch of Atomic Energy of Canada Ltd. in Chalk River, Ont. He is residing at 263 Highway 17 East, Deep River, Ont.



L.T. Moore



P. LeGendre

Dr. Mukta Mala Webber, Ph.D. '63 (B.Sc., M.Sc., Agra), a cancer research scientist and member of the faculty at the University of Colorado Medical Centre, has been promoted to assistant professor of surgery in the University of Colorado School of Medicine. Dr. Webber and her husband, Dr. Patrick Webber, live at 903 Cypress Dr., Boulder, Col.

lan R.P. White, M.Sc. '64 (B.Sc., B.E., Sydney), is now supervising engineer in the Port Kembla District Office, New South Wales Public Works Department, Australia.

Dr. David A. Wilson, Com. '64 (M.B.A., Berkeley; Ph.D., Illinois), has accepted an appointment to the Department of Accounting, University of Texas at Austin. Dr. and Mrs. Wilson (Elaine M. Knox), Com. '64 (M.B.A., Berkeley), live at 7308 West Rim Dr., Austin, Texas 78731.

W.L. (Lorie) Wilson, Arts '65, formerly national sales operations manager of Catelli Ltd., Montreal, has recently been appointed advertising and merchandising manager of Bick's Pickles, Scarborough, responsible for marketing Bick's complete line of products on a national scale. Mr. and Mrs. Wilson reside at 811 Military Trail, West Hill, Ont.

1970-72

Norman E. Carruthers, M.B.A. '72 (B.Sc., Calgary), formerly auditor, internal audit department, Gulf Oil Canada Ltd., has been appointed a lecturer, School of Business, Queen's University.

Kenneth E. Church, Com. '70, obtained his C.A. with Price Waterhouse & Co. in Toronto and is now with the firm in Paris, France. Mr. Church resides at 28 Avenue Perrichout, Paris 16e.

Vaughan E. Church, Arts '71, Toronto, Ont., received a Master of Arts aegree in Psychology from the College of William and Mary, Williamsburg, Va.

Peter Clarkson, Com. '71 (M.B.A., York), Toronto, Ont., is an analyst in the research department of Dominion Securities. Mrs. Clarkson (Marsha Duffield), Com. '71, is working as an systems analyst for Manufacturer's Life Insurance Co.

Samuel J. Crossman, Arts '71, is teaching mathematics at Champlain High School, Pembroke, Ont.

John Arthur Currie, Arts '72, Toronto, Ont., is studying towards a Master's degree under a

fellowship at the Centre of Criminology, University of Toronto while Mrs. Currie (Laureen Susan Lapp), Arts '72, is studying at the University of Toronto, in the Ontario College of Education.

Thomas A. James, Com. '72, has been appointed a registered representative at the Kingston office of Walwyn, Stodgell & Co. Ltd., investment dealers.

Kenneth W. Johns, M.Sc. '71, Ed. '72, is teaching physics and mathematics at Charlan District High School, Williamstown, Ont.

Dr. Geoff Kindle, Med. '70, will serve from October 1972-April 1973, as medical officer for 2PPCL1 Canadian contingent United Nations Emergency Force, Cyprus.

D. Joan Kirkpatrick, Ed. '72 (B.Mus., McGill), has been appointed vocal music teacher at Brookfield High School, Ottawa, Ont.

Peter LeGendre, Arts '70, has been appointed superintendent of schools for the County of Richmond in Nova Scotia. Mr. LeGendre may be reached at Box 267, Arichat, N.S.

D.R. Clive MacGregor, B.Sc. (Arts) '71, has received an M.Sc. in Chemical Oceanography 'Oil Spills' and is presently with the Department of Oceanography, Dalhousie University, Halifax, N.S.

James D. McFarland, Sc. '70, has joined Imperial Oil Ltd., Calgary, Alta., as an associate engineer in the reservoir engineering department. Mr. McFarland resides at 301-1815-16 Street S.W.

Neil MacLeod, Sc. '70 has received an M.Sc. degree in engineering geology from McGill University and is working for Elmer W. Brooker and Associates Ltd., in Edmonton. Mr. and Mrs. MacLeod (Wendy Hanna), Arts '72, are living at 10024 154th St., Apt. 207, Edmonton, Alta.

Michael R. Quinton, Sc. '71, and Mrs. Quinton (Carolyn West), Arts '71, reside at 333 Bluegrass Blvd., Richmond Hill, Ont. Mr. Quinton is a civil engineer with the Ministry of Transportation & Communications, and Mrs. Quinton is a secondary school teacher with the Scarborough Board of Education.

Dr. Robert T. Robertson, Ph.D. '70 (B.A. Auckland, M.A., Victoria), associate professor at Virginia Polytechnic Institute, has been appointed visiting associate professor in the Department of English at Queen's.

P.S. Scharf, Arts '70, is a member of the sales staff of Sun Life of Canada, Kingston, Ont.

Sue L. Stewart, Ed. '72 is teaching Physical and Health Education at Fenelon Falls Secondary School, Fenelon Falls, Ont.

Ken G. Taylor, Arts '70, is studying towards an M.Sc. degree in geography at the University of Alberta and has accepted a position with the Northern Mapping Project of the Land Use Planning Branch, Department of Environment, Ottawa, Ont.

Alexander Townsend, Arts '71, Ed. '72, has been accepted by the National Theatre School, Montreal, Que.

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North Toronto Memorial Gardens

7:00 - 10:00 P.M.

Wednesday, Dec. 27

Outdoor skating, refreshments and music for graduates, their families and Queen's students home for Christmas.

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A Queen's Luncheon will be held in Montreal on January 24 on the occasion of the annual Canadian Pulp and Paper Association Convention. For further information, contact Jim Brown (625-4406) or Don Barron (695-4244) in Montreal.

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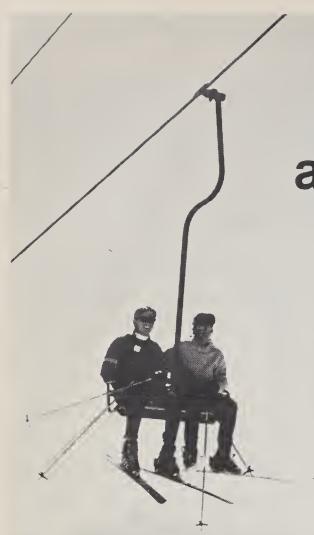
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FEBRUARY 17-24, 1973

for skiing alumni, alumnae and families

A variety and choice of ski hills and snow conditions to satisfy skiers of all abilities . . . dining and entertainment facilities . . . Après-ski functions hosted by the Banff Chamber of Commerce and individual resorts . . . and the price? UNBELIEVABLE!

\$239 includes the following:

- Return Air Canada DC-9 jet service, Toronto-Calgary, with complimentary bar, meals and full 66 lbs. baggage allowance (Depart Malton Saturday, February 17, at 9.15 p.m.; return departing Calgary, Saturday, February 24, at midnight).
- Return ground transportation, Calgary-Banff, and seven days transportation to and from any of the ski areas (Lake Louise, Whitehorn, Mount Norquay, and Sunshine Village).
- Seven nights excellent accommodation (twin bed with bath) at Banff's Mt. Royal Hotel, with skiers' breakfasts each morning, gratuities included.
- Seven days lift tickets for any of the above-mentioned ski areas.
- An itinerary of après-ski activities (outdoor barbecues, parties, ski races, etc.) planned by the Banff-Lake Louise Chamber of Commerce and designed to test the stamina of our most hardy members.

REGISTRATION:

Strictly on a first-come, first-served basis.

A deposit of \$75 should accompany each application.

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Enclosed is a deposit of	[:] \$ for	reservations on t	the Banff ski
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a qualified replacement	can be obtained.		

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Residence phone

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Signature



